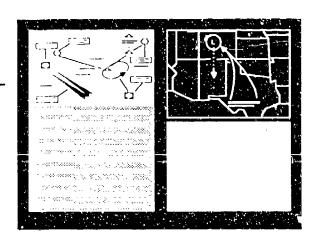


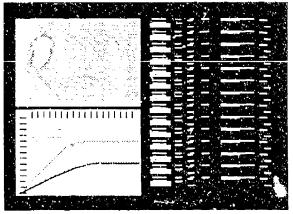
FAA AIR TRAFFIC CONTROL OPERATIONS CONCEPTS

Volume V:
ATCT/TCCC
Tower Controllers



6 July 1987

Change 1,, 29 July 1988











FAA AIR TRAFFIC CONTROL OPERATIONS CONCEPTS **VOLUME V: ATCT/TCCC TOWER CONTROLLERS**

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CDRL B112, VOL. V

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Prepared For:

FAA/AAP 100
Federal Aviation Administration
DOT, 800 Independence Avenue, S.W.
Washington, DC 20591

6 July 1987

CHANGE 1, 29 July 1988

Prepared By:

COMPUTER TECHNOLOGY ASSOCIATES, INC. 7150 Campus Drive, Suite 100 Colorado Springs, CO 80920 (719) 590-5100

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FOREWORD

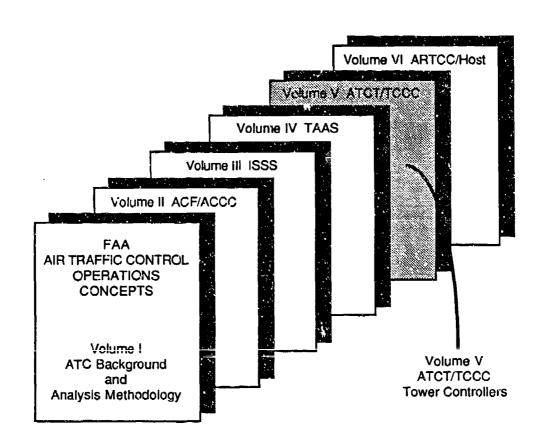
This document constitutes Volume V of a series of volumes which collectively define Air Traffic Control (ATC) Operations Concepts for the Federal Aviation Administration (FAA). This series was developed specifically to support the Advanced Automation System (AAS) and considers operations in today's facilities and the automated capabilities planned for the AAS in order to reach an understanding of how controller and other operational jobs will be performed as AAS evolves.

The AAS will provide enhanced capabilities to support operational ATC personnel in the en route, terminal, and tower environments; include automated capabilities to process and display surveillance data (targets, tracks, and weather), flight data, and environmental and status data, to assist the controller in maintaining a safe, orderly, and expeditious flow of traffic; provide supervisory and maintenance data and controls; and include message entry, information processing, and display outputs adaptable to the requirements and individual preferences of each controller. Unimately, the AAS advanced automation features are expected to improve productivity by providing controllers with various strategic planning capabilities, while relieving controllers of certain routine control actions.

Evolution from the current system to the full AAS environment will progress through several major stages. This multi-volume series provides ATC personnel the Operations Concepts for selected operational positions in these different stages of AAS evolution. Volumes currently consist of the following:

- Volume I. ATC Background and Analysis Methodology includes material common to all Operations Concept analyses in subsequent volumes, and defines analysis concepts used in those volumes.
- <u>Volume II. ACF/ACCC Terminal & En Route Controllers</u> addresses the domestic en route and terminal controller in the full AAS with Automated En Route Air Traffic Control (AERA) I capabilities.
- <u>Volume III. ISSS En Route Controllers</u> addresses the domestic en route controller in the Initial Sector Suite System (ISSS) environment.
- <u>Volume IV, TAAS Terminal Controllers</u> addresses the terminal controller in the Terminal Advanced Automation System (TAAS) environment.
- <u>Volume V. ATCT/TCCC Tower Controllers</u> addresses the tower controller in the Tower Control Computer Complex (TCCC) environment.
- <u>Volume VI. ARTCC/Host En Route Controllers</u> addresses today's domestic en route controller in the Air Route Traffic Control Center (ARTCC)/ Host environment.

Future volumes addressing other AS phases and/ or operational positions will be published as required. The volumes currently identified are represented in the illustration (page vi).



FAA Air Traffic Control Operations Concepts Volumes

Volume I provides a brief overview of the current ATC environment and planned enhancements, as well as descriptions of the analysis methodology used to produce the operations concepts of subsequent data volumes. Volume V focuses on tower controller operations in the Airport Traffic Control Tower (ATCT) of the Tower Control Computer Complex (TCCC). It considers operations in today's facilities and the automated capabilities planned for the AAS, in order to reach an understanding of how controller jobs will be performed within the TCCC.

Each of the other data volumes focuses on one or more operational positions in a particular type of ATC facility at a specified stage of AAS development. Each of these data volumes is an operations concept describing how controllers will perform their operational duties, given the support of the automated capabilities provided at the specified stage of AAS development.

Configuration control procedures have been developed to ensure that operational requirements data are maintained for currency, completeness, and consistency with the AAS System Level Specification (SLS). This will be accomplished via change pages whenever possible rather than republishing a new or updated volume. Substantive changes to the original volume are indicated

by a black line as shown in the margin of this paragraph. The "List of Effective Pages" (page iv) provides the current status of each page in this volume and will be updated with each subsequent change. Changes will reflect new design information and derived requirements resulting from design maturity, changes in specification requirements, and the impact of other AAS programs such as the Voice Switching and Control System (VSCS) and the Real Time Weather Processor (RWP).

The value of these results rests heavily upon contributions of those active in and familiar with the present system and knowledgeable in the planned TCCC system of the future.

Special credit is due to the members of the Tower Operations Concept Team (TOCT), who not only contributed much valuable insight into tower operations, but also provided detailed review and validation of the original contents of this volume:

NAME	FACILITY
Richard Banks Lew Butler Fran Kling Alden Lemer Reed Peterson Terry Schomburg Jim Sheely	Denver TRACON Tampa ATCT MITRE ATR-150 Providence TRACON Waterloo ATCT Charlotte ATCT
John Williams	Portland ATCT

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SECTION 1

INTRODUCTION

1.1 PURPOSE

This volume portrays the operational actions of three separate controller positions in the full TCCC environment from the controller's viewpoint. It includes an introduction (Section 1), brief supplementary information to Volume I pertaining to the analysis methodology used for ATCT controllers (Section 2), and a series of appendices presenting the data developed through the present analysis.

The three ATCT controller positions addressed in this operations concept are Local Controller, Ground Controller, and Clearance Delivery/Flight Data. Though there is considerable variety between Towers in the size and composition of the operational controller staff, there is always a Local Control function, a Ground Control function, a Clearance Delivery function, and a Flight Data function. Moreover, Clearance Delivery and Flight Data are often combined. For the present analysis, therefore, it is appropriate to simplify the crew structure into Local, Ground, and Clearance Delivery/Flight Data positions. This is a common crew composition at moderate-sized Towers. It also is consistent with the AAS System Level Specification [21], which identifies these three types of operational controller positions for the purpose of specifying access to logical displays and message entry capabilities. Other controller positions sometimes found at larger Towers, such as assistant local controller, helicopter control, gate hold, or second local or ground control, are considered as performing tasks within the scope of Local, C. ound, Clearance Delivery, and Flight Data.

1.2 ANALYSIS METHODOLOGY

Section 2 of this volume discusses special features of the analysis methodology that are applicable to the Operations Concept for ATCT controllers. A detailed discussion of the analysis methodology is found in Volume I, Section 3.

The focus of the methodology is on the interaction between the controller and the automated system; however, controller tasks involving no interaction with the system are included where appropriate. The analysis excludes non-operational tasks such as administrative tasks and tasks related to training. Non-FAA controllers are not addressed.

Each ATC facility exhibits unique features. The amount and composition of the workload varies significantly from one facility to the next, and varies within a particular facility over time. Tasks that are performed frequently in one facility may be rare in another. Therefore, this analysis addresses a "generic" Airport Traffic Control Tower, where the analysis is broad enough to capture all significant controller tasks performed in an ATCT. Tasks performed very infrequently by a typical controller are omitted, unless they are of overriding criticality when they occur.

1.3 APPENDICES

Data developed through the present analysis are contained in the following series of appendices to this volume and parallel the methodology discussion of Volume I, Section 3:

- Appendix A: Composition Graphs
- Appendix B: Task Statements and Event to Sub-Activity Trace
- Appendix C: User Interface Language
- Appendix D: Task Characterization Analyses
 - Task Information Requirements
 - Cognitive/Sensory Attributes
 - Performance Requirements
 - Deleted
- Appendix F: Task Element Statements
- Appendix F: Traceability Tables
- Appendix G: Site Visit Information
- Appendix H: Expanded Operational Scenarios

1.4 ASSUMPTIONS

The assumptions for this analysis are as described in Volume I, Section 1.5. No new assumptions are identified.

1.5 DOCUMENT INTERFACE

The Operations Concept Analysis contained in this volume was developed from the methodology defined in Volume I. Thus, Volume I is necessary for full understanding of the analysis methods used to develop the data in this volume, and the following Volume I appendices should be referred to for topical material relevant to the present analysis:

- Appendix A: Air Traffic Events
- Appendix B: Baseline Operational Scenarios
- Appendix C: Verb Glossary (Task, Element)
- Appendix D: Glossary of Terms
- Appendix F: ATC Task Element Modules
- Appendix G: References
- Appendix H: Acronyms

Reference citations in this volume are to references reported in Volume I, Appendix G. Reference numbers are given between brackets [].

SECTION 2

METHODOLOGY

2.1 GENERAL PROCESS

The analysis of the ATCT/TCCC Local, Ground, and Clearance Delivery/Flight Data positions followed the order in which the methodology is described in Volume I, Section 3. It is an expansion and update of the previous analysis for these positions, dated 28 March 1986 [13]. The current update is to the AAS System Level Specification (Draft), Acquisition Phase [21] dated 28 August 1987.

New tasks were identified in the reissued System Level Specification. These are inserted in appropriate locations on the position's sub-activity Composition Graphs of Appendix A. All graphs were subjected to thorough review for completeness and logic. Some previously identified tasks were reworded for clarity and some new tasks were identified. The resulting tasks and a trace of each sub-activity to specific ATC events, are presented in Appendix B.

Controller input messages and display output messages are updated to the System Level Specification [21]. These results are incorporated in the User Interface Language (UIL) of Appendix C.

Characterizations of each task are accomplished in terms of task type, information requirements, frequency and criticality ratings, cognitive/sensory attributes, and performance criteria. These are reported in the three task characterizations of Appendix D. Information requirements are updated to the current User Interface Language of Appendix C.

Each task is decomposed to its constituent procedural steps and actions. These actions, called "elements," represent the lowest level description of controller-machine interaction with respect to system-level requirements. The Task Element talles are contained in Appendix E.

Traceability is maintained between operational tasks and specific system requirements documented in the System Level Specification [21]. The results of this trace, along with a report of "orphan" tasks not traced to the system requirements, are contained in Appendix F.

The three baseline Tower operational scenarios reported in Volume I, Appendix B, are expanded to reflect the operational tasks involved. Thus, they present operational solutions to the problems posed in the baseline scenarios. These are recorded in Appendix H.

The sub-activity Composition Graphs, task data, characterizations, elements, and scenarios were originally subjected to review and validation by the Tower Operations Concept Team.

APPENDIX A

COMPOSITION GRAPHS

This appendix contains the Composition Graphs for each of the 42 sub-activities of the ATCT/TCCC Local Controller, for each of the 31 sub-activities of the Ground Controller, and for each of the 22 sub-activities of the Clearance Delivery/Flight Data Controller. These are grouped by six to seven higher-level activities for each position:

Local:	T1.1 T1.2 T1.3 T1.4 T1.5 T1.6 T1.7	Perform Local Situation Monitoring Resolve Conflict Situations Manage Air Traffic Sequences Route or Plan Flights Assess Weather Impact Manage Local Controller Position Resources Respond to System/Equipment Degradation
Ground:	T2.1 T2.2 T2.3 T2.4 T2.5 T2.6	Perform Ground Situation Monitoring Control Aircraft/Vehicle Ground Movement Route or Plan Flights Assess Weather Impact Manage Ground Controller Position Resources Respond to System/Equipment Degradation
Clearance Delivery/Flight	•	
Data:	T3.1	Perform Clearance Delivery/Flight Data Situation Monitoring
	T3.2	Route or Plan Flights
	T3.3	Manage Air Traffic Sequences
	T3.4	Respond to Flow Constraints
	T3.5	Assess Weather Impact
	T3.6	Manage Clearance Delivery/Flight Data Controller Position Resources
	T3.7	Respond to System/Equipment Legradation

Each level of decomposition is represented graphically. The top-level graph of the position, showing all seven activities of the Local Controller position, immediately follows the Composition Graph Symbology figure. Activity Composition Graphs precede the set of sub-activity graphs making up that activity. There are 348 distinct Local Controller tasks incorporated within the 42 sub-activity Composition Graphs. The Composition Graphs for the other two controller positions follow a parallel sequence. Ground Controller tasks number 210, and tasks for the Clearance Delivery/Flight Data position number 124.

Sub-activities are linked (in most instances) to one or more ATC events which influence the accomplishment of the sub-activity. This linkage is identified in Appendix B.

The use of symbology in the Composition Graphs is portrayed in Figure A-1. In addition to logical flow and path conditionals, the sub-activity Composition Graphs show the coordination

which forms a large part of the controller's job. For each task involving coordination and communication with others, the top row of the task statement boxes is annotated with the coordination points that may apply. These may be other positions or other agencies or facilities. The task box also depicts, at the bottom row, the media by which that coordination may be accomplished. Figure A-1 also identifies the abbreviations employed for each coordination point and for each communication medium. The use of the Voice Communications (V) medium implies any voice means, either by Tower Communications System (TCS) or use of direct person-toperson talking when the recipient is within hearing distance. Because a task may appear as part of more than one sub-activity, the coordination data encompass all cases; not all coordination points or media may apply in a particular sub-activity occurrence of a task, nor in all situations in which that sub-activity is performed on the job,

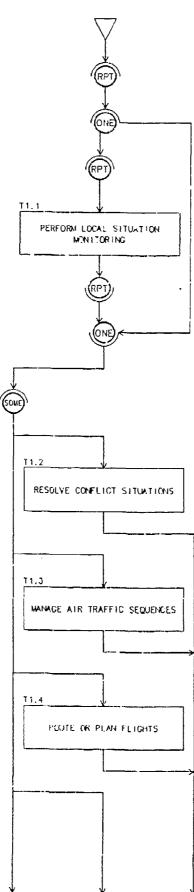
In some cases, a particular set of tasks may be relevant to many sub-activities. To save space and graphing complexity, these sets are designated as "macros" and a special graph symbol of an oval is used to depict that entire set of tasks. This shorthand feature is used for one such macro in this analysis. This is the macro of:

T1.0.0.0, Generate Clearance Macto (comprised of selected tasks from Sub-Activity T1.4.1, Planning Clearances, and Sub-Activity T1.4.9, Issuing Clearances).

The graphing layout of this macro appears following the top-level graph of position T1 activities, and preceding the full set of activity and sub-activity Composition Graphs for the Local Controller.

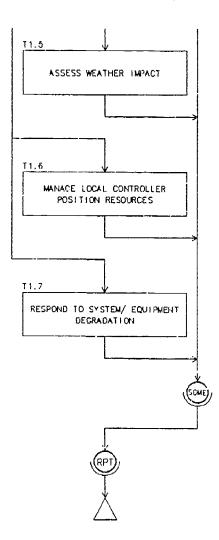
# COORDINATING POSITIONS TASK STATEMENT COORDINATION MEDIA	Controller tasks, with and without coordination positions/media. Number symbol in upper right of task box indicates a task duplicated from another sub-activity.	
SOME	SOME - Perform tasks or task sequences almost concurrently as required.	
RPT	REPEAT - Perform tasks or task sequences continuously/repetitively as required	
ONE	ONE - Perform only one of the alternative tasks or task sequences	
$\nabla \Delta$	START/END	
Generate Clearance	GENERATE CLEARANCE MACRO	
COORDI	NATION	
COORDINATING POSITIONS/AGENCIES	COORDINATION MEDIA	
LC - Local Controller GC - Ground Controller CD - Clearance Delivery TS - Tower Supervisor CT - ACF Controller FS - Flight Service Station WS - Weather Service PI - Pilot VM - Vehicle Operator AS - ACF Area Supervisor AM - ACF Area Manager TM - Traffic Management Coordinator OC - Other Coordinator MT - Meteorologist	V Voice Communication (TCS, Direct) M ATC Mail (unstructured text messages) F System Function Message (e.g., function key, structured text)	

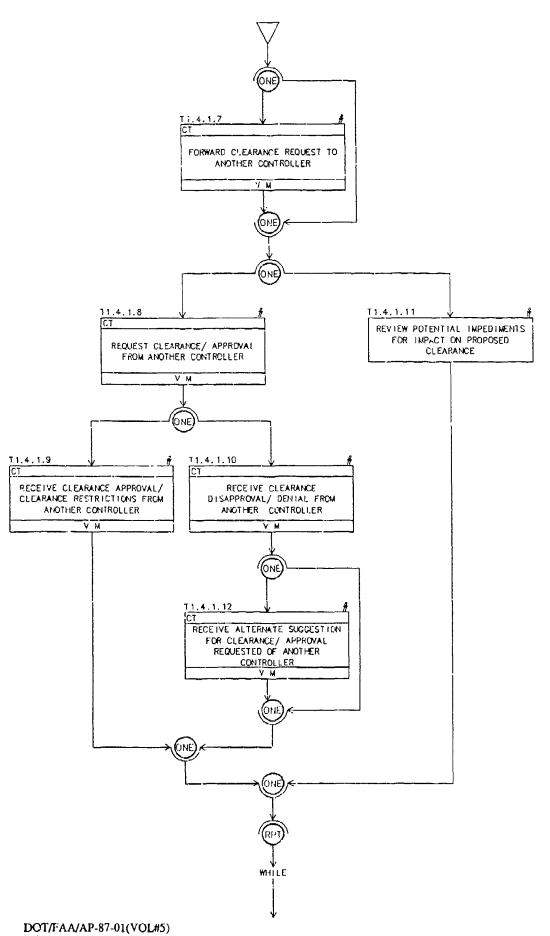
Figure A-1. Composition Graph Symbology



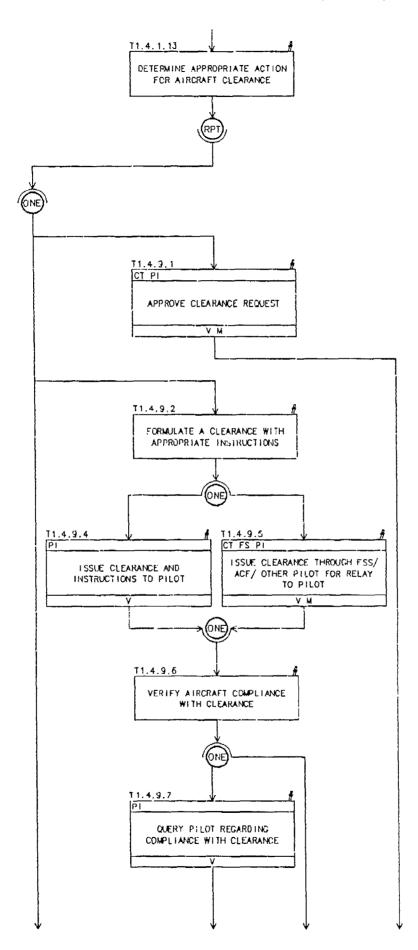
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T1 LOCAL CONTROLLER (cont.)

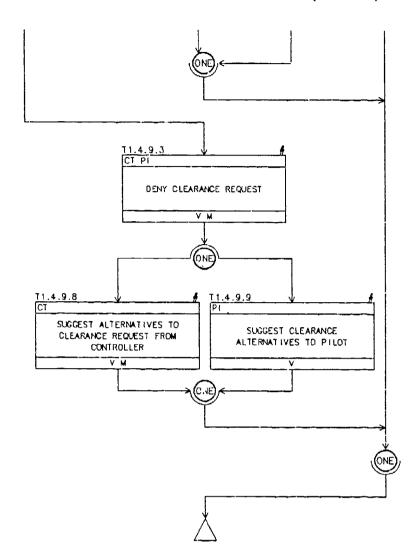




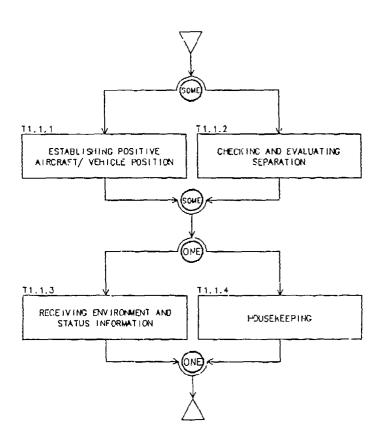
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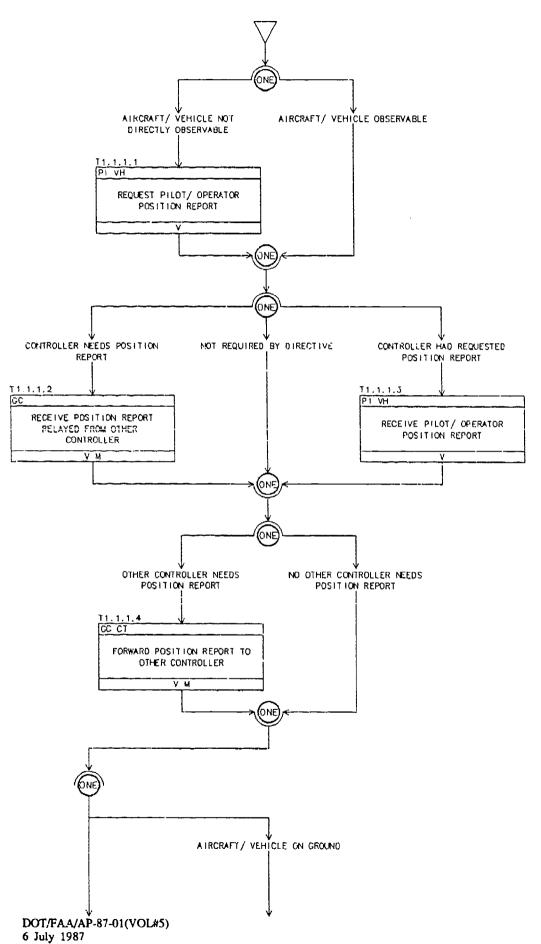


T1.0.0.0 GENERATE CLEARANCE (cont.)

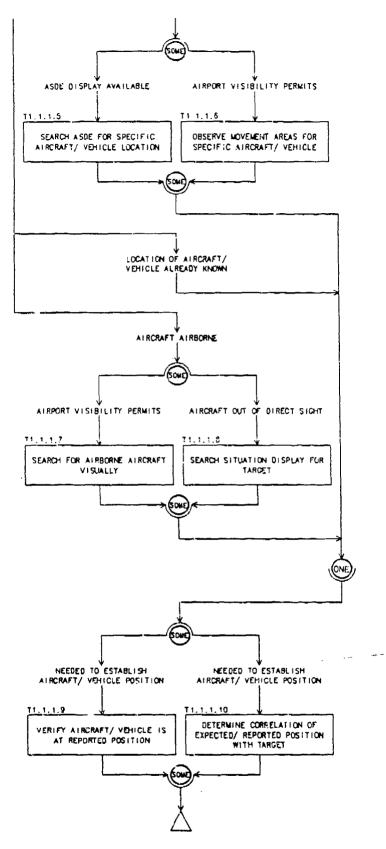


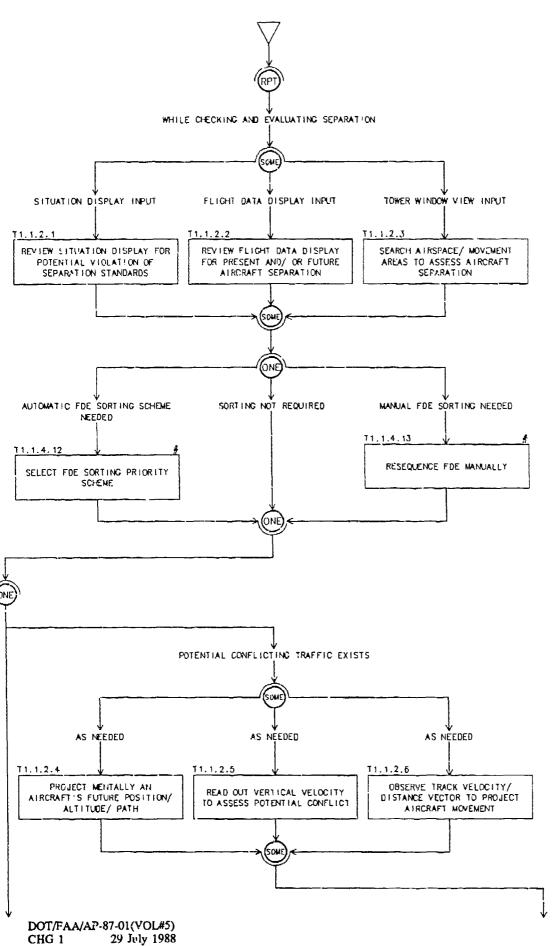
T1.1 PERFORM LOCAL SITUATION MONITORING

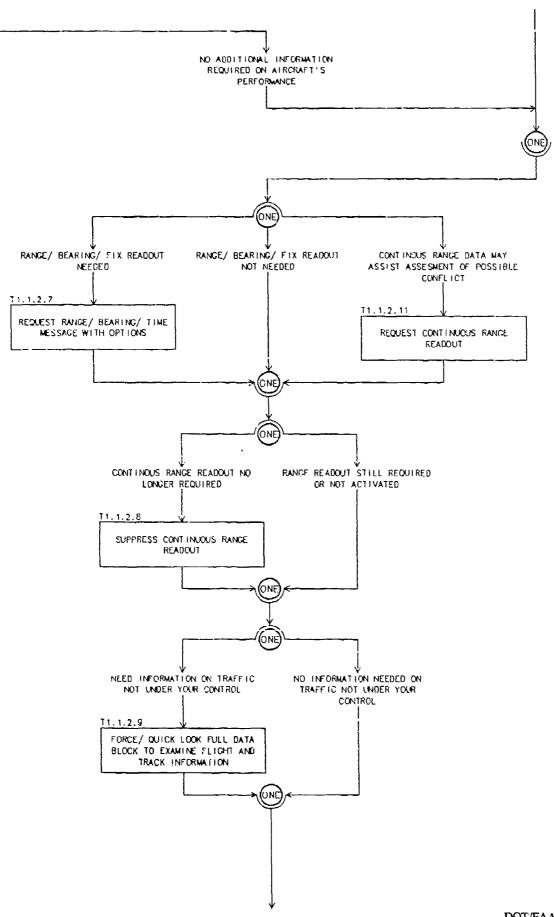




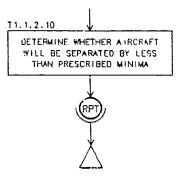
T1.1.1 ESTABLISHING POSITIVE AIRCRAFT/ VEHICLE POSITION (cont.)

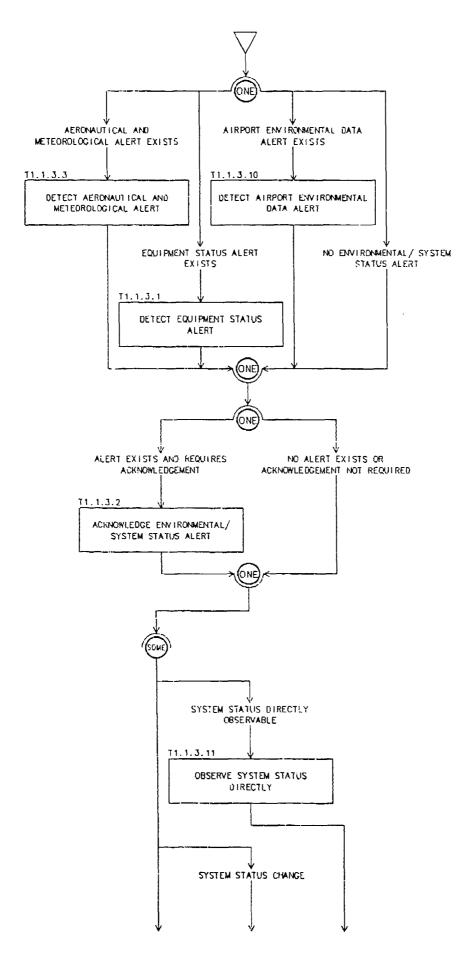


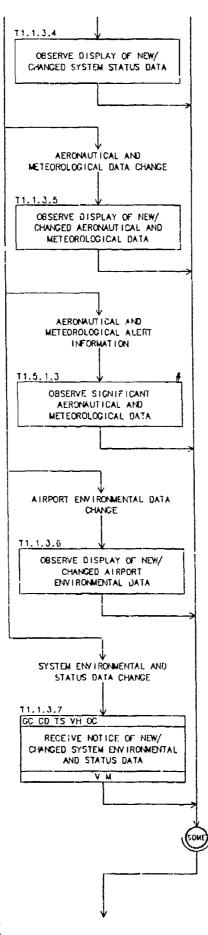




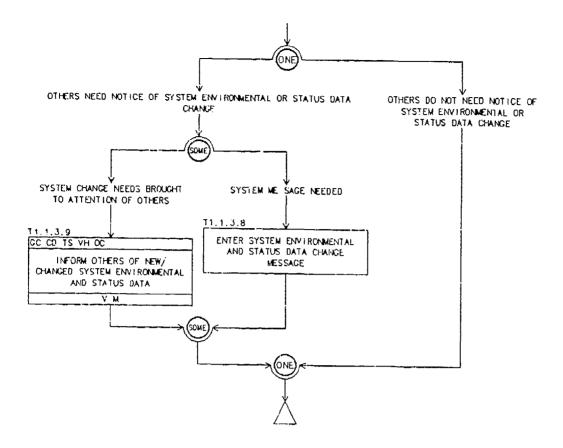
T1.1.2 CHECKING ND EVALUATING SEPARATION (cont.)

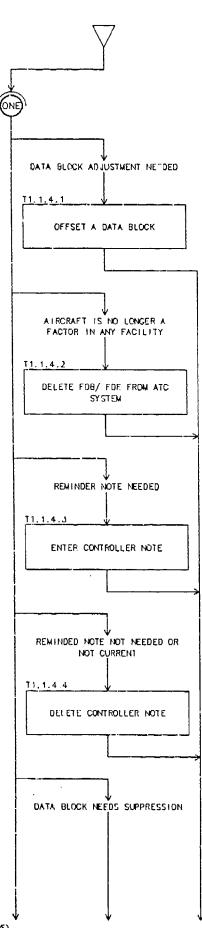


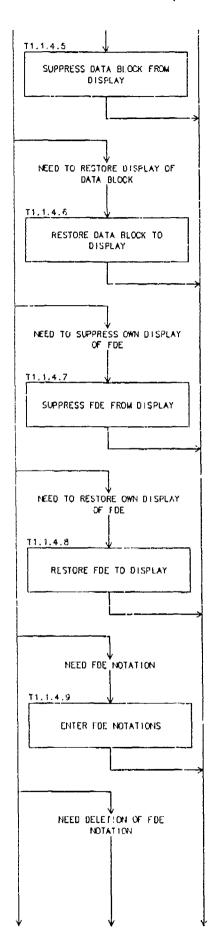


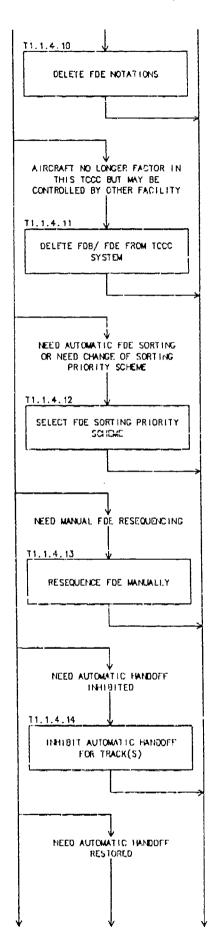


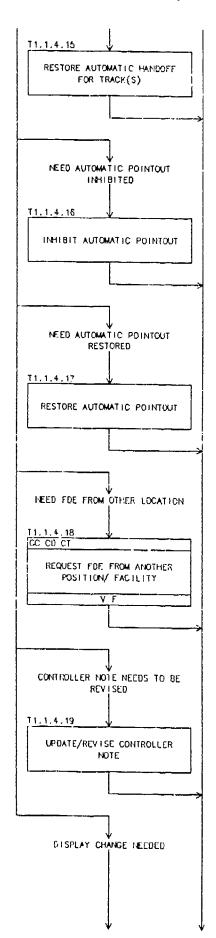
T1.1.3 RECEIVING ENVIRONMENT AND STATUS INFORMATION (cont.)



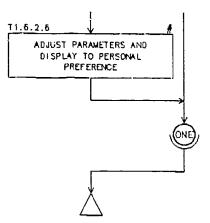






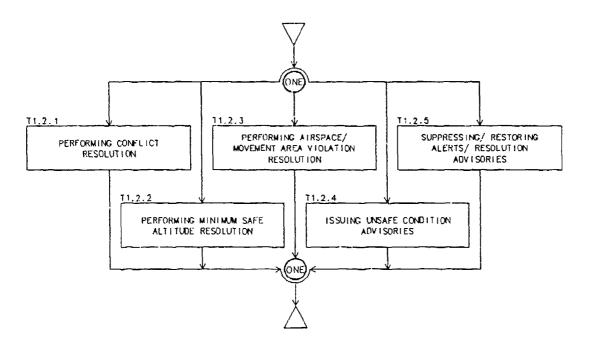


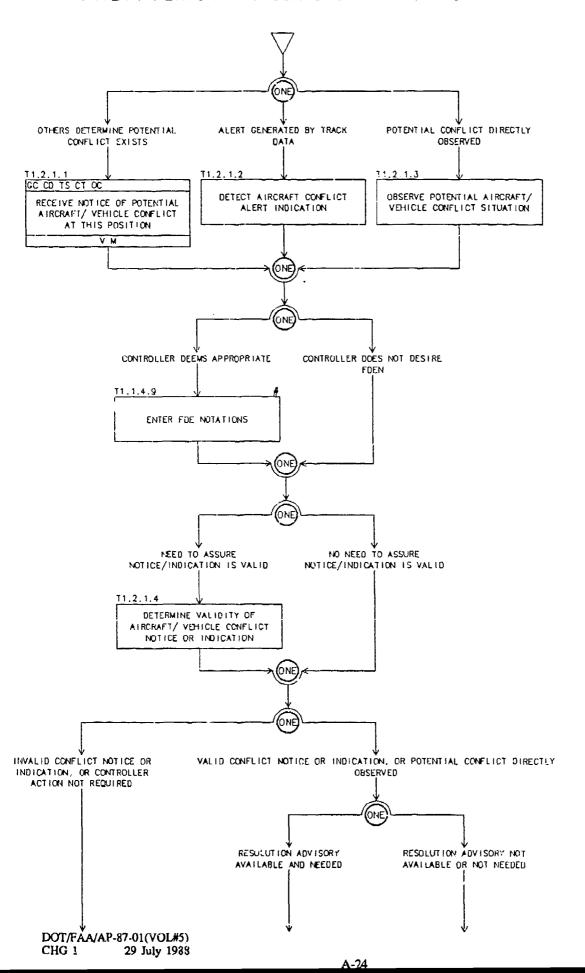
T1.1.4 HOUSEKEEPING (cont.)

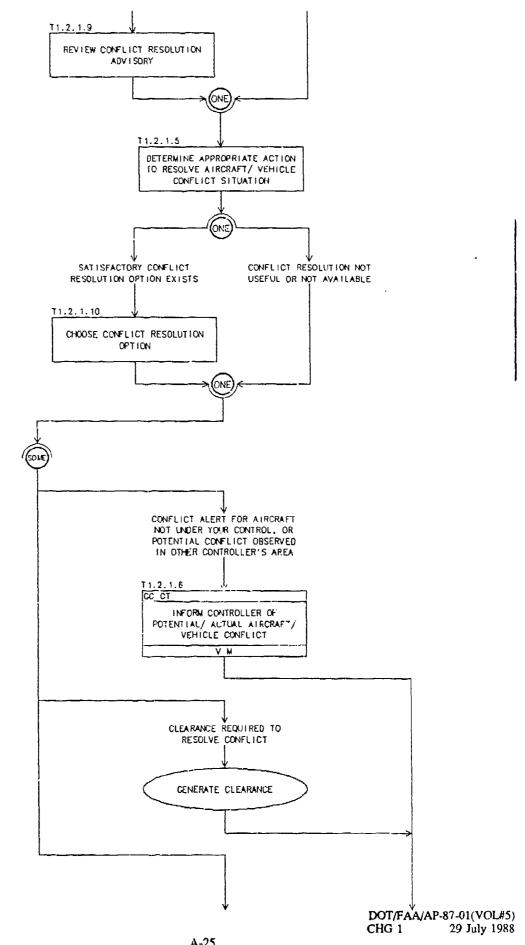


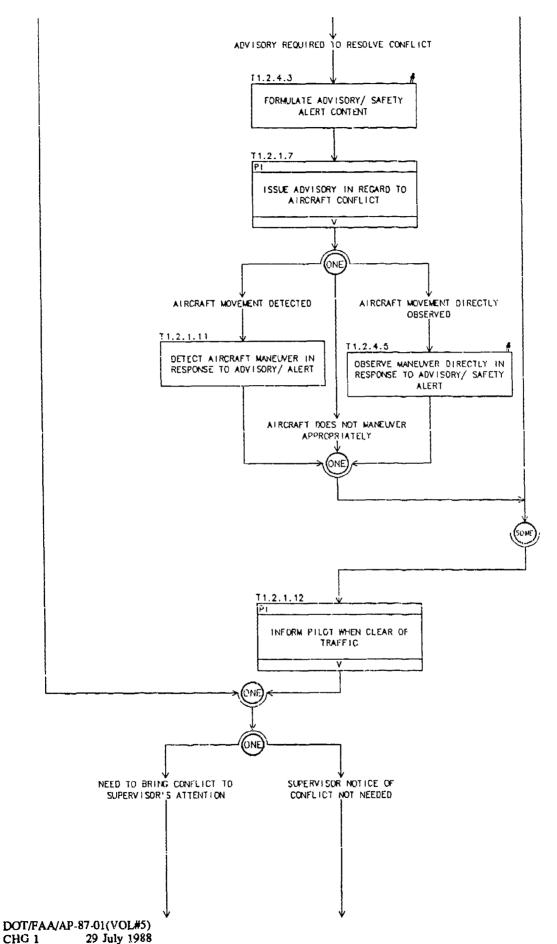
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T1.2 RESOLVE CONFLICT SITUATIONS

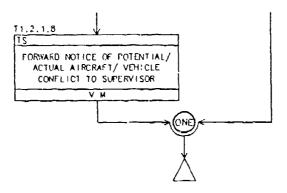


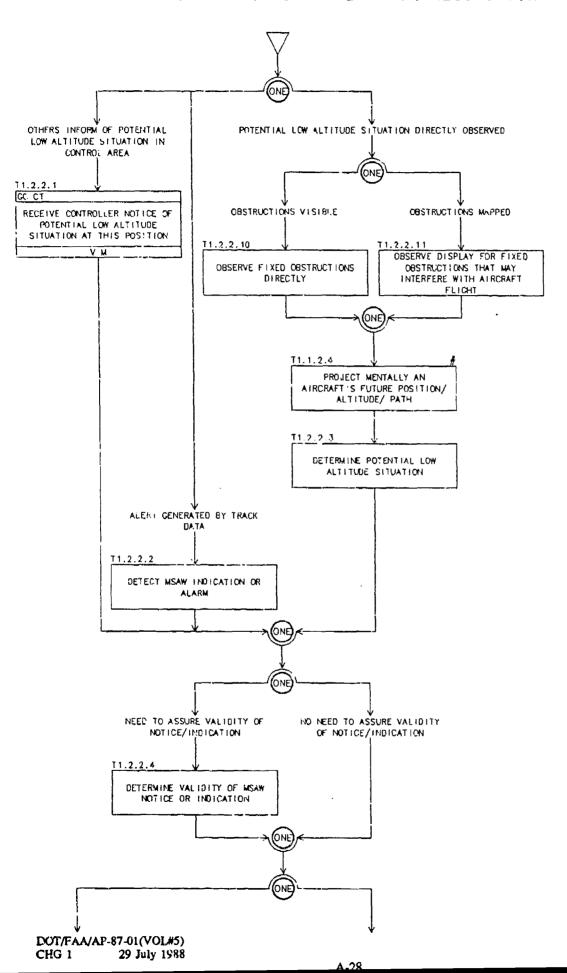


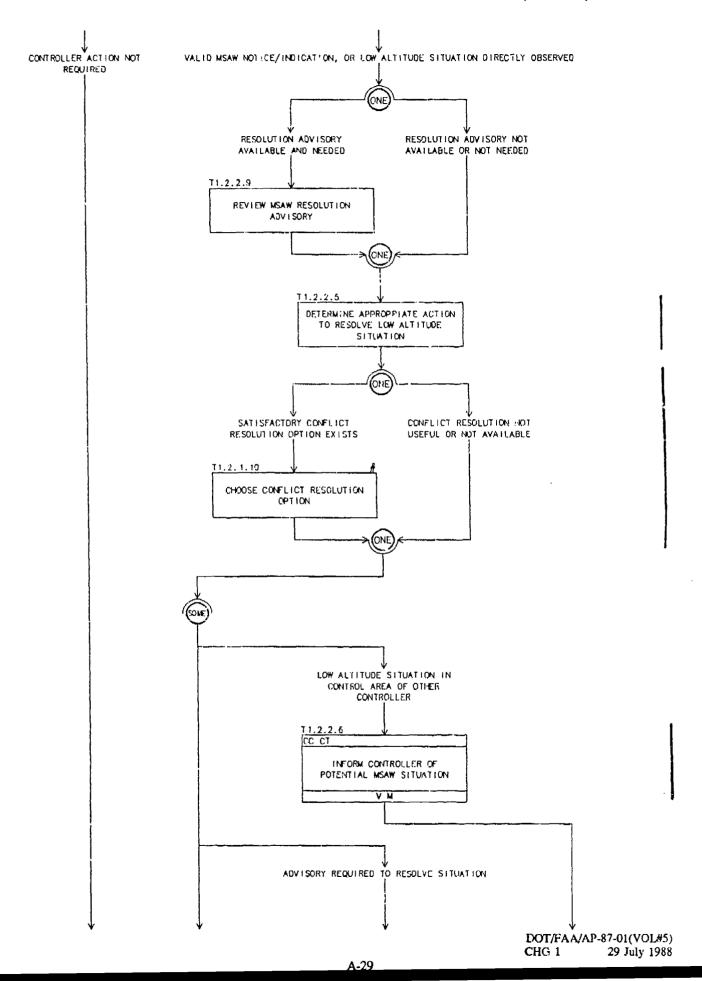


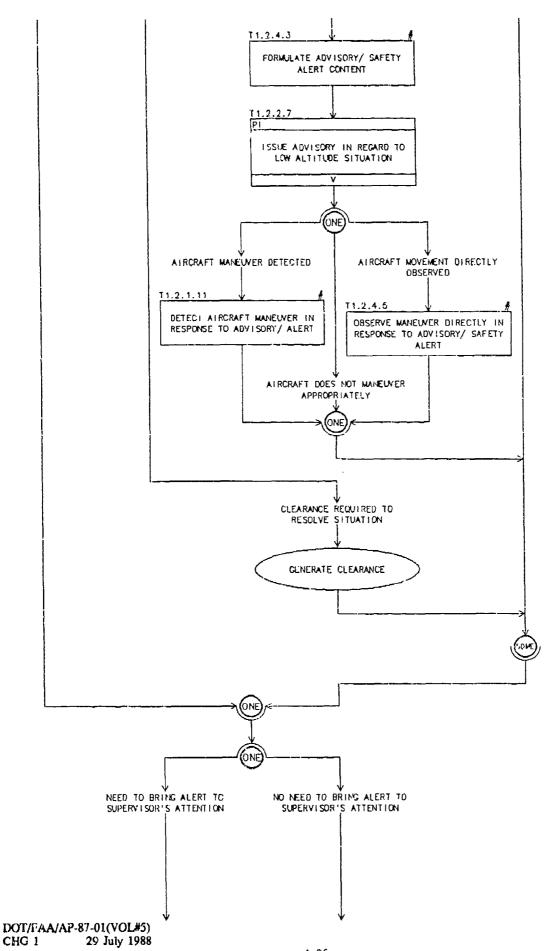


T1.2.1 PERFORMING CONFLICT RESOLUTION (cont.)



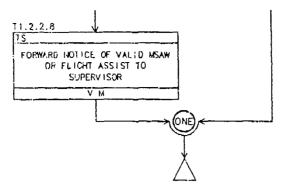


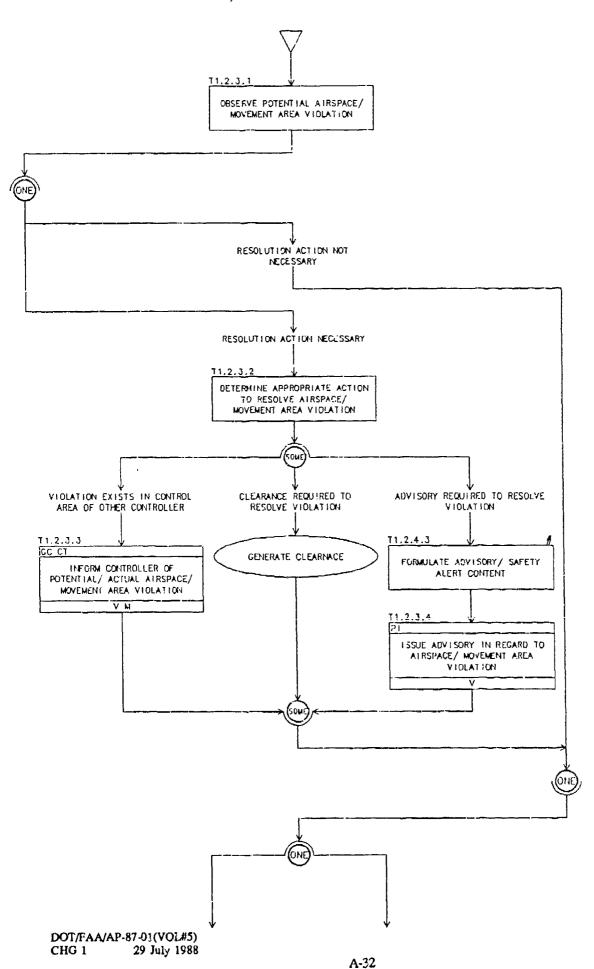




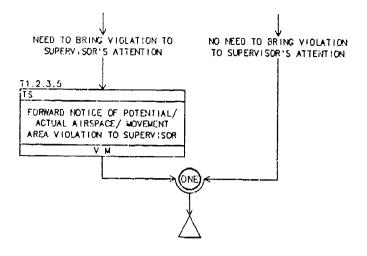
A-30

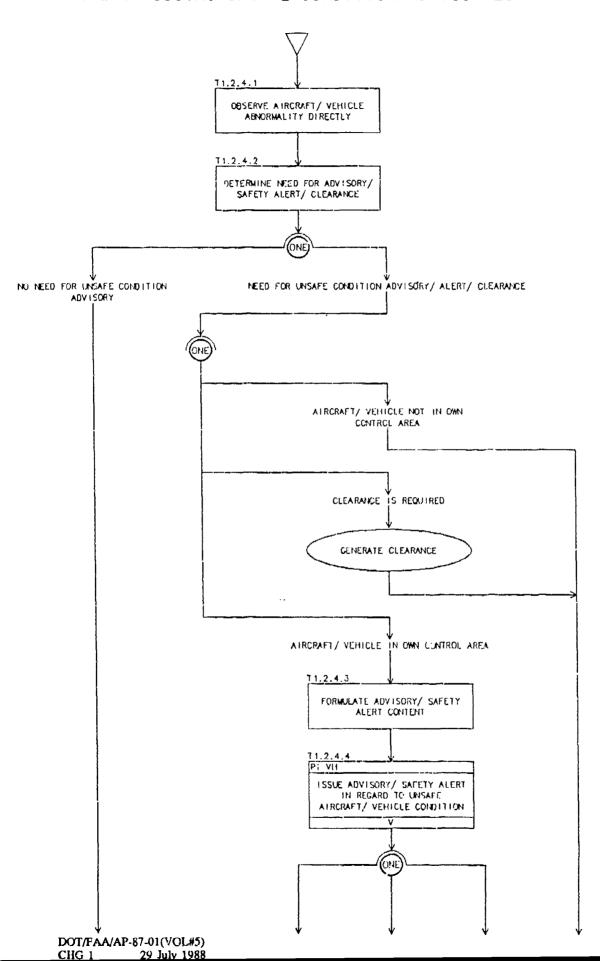
T1.2.2 PERFORMING MINIMUM SAFE ALTITUDE RESOLUTION (cont.)



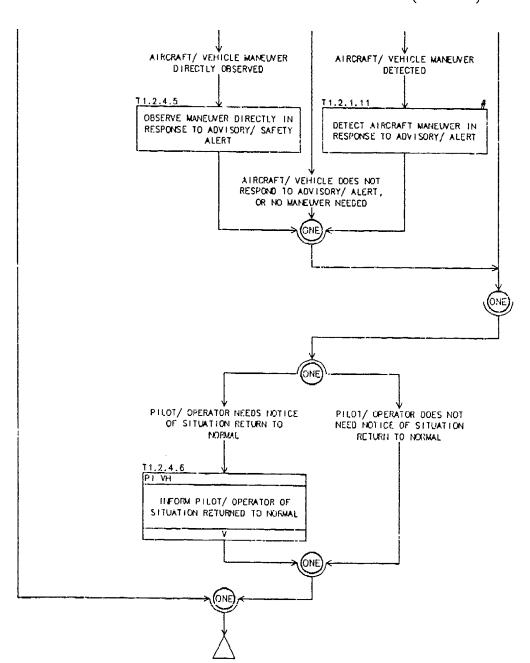


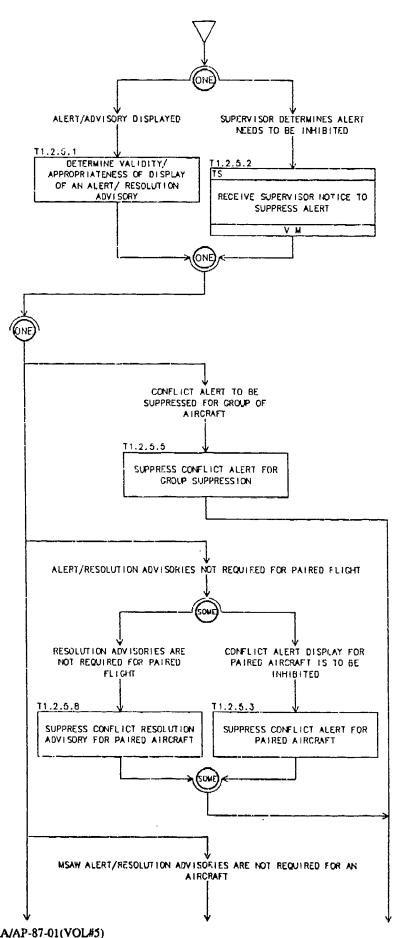
T1.2.3 PERFORMING AIRSPACE/ MOVEMENT AREA VIOLATION RESOLUTION (cont.)



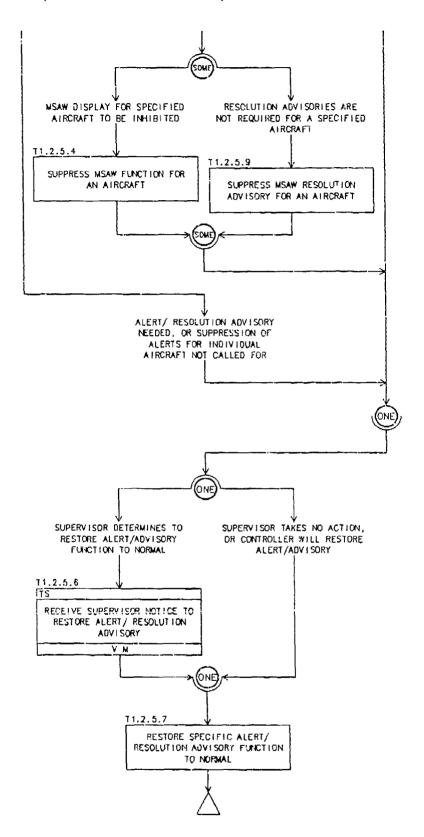


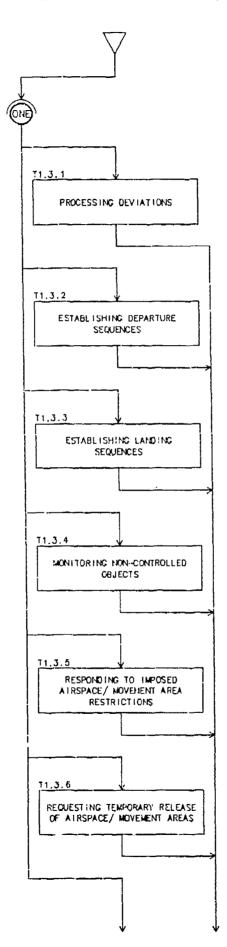
T1.2.4 ISSUING UNSAFE CONDITION ADVISORIES (cont.)



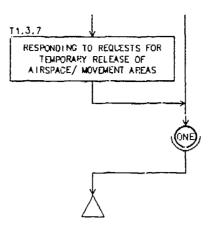


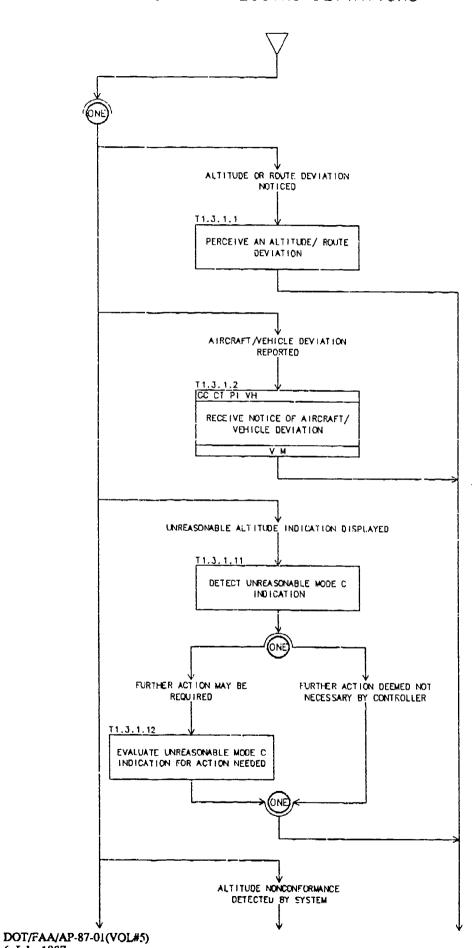
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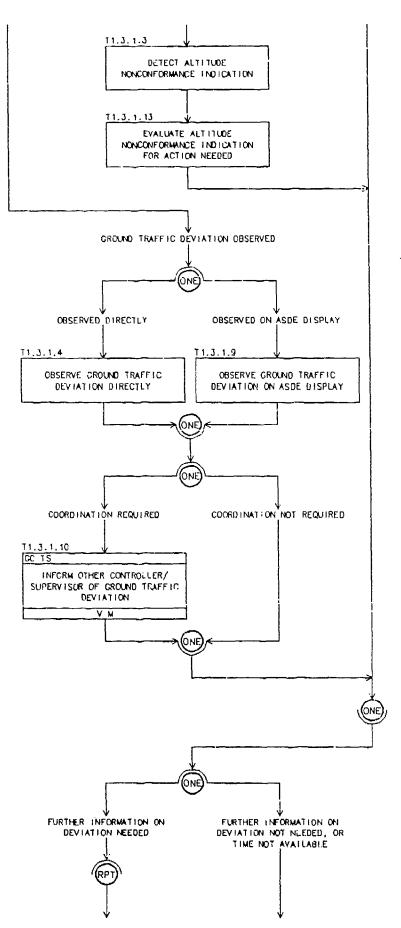
T1.3 MANAGE AIR TRAFFIC SEQUENCES (cont.)

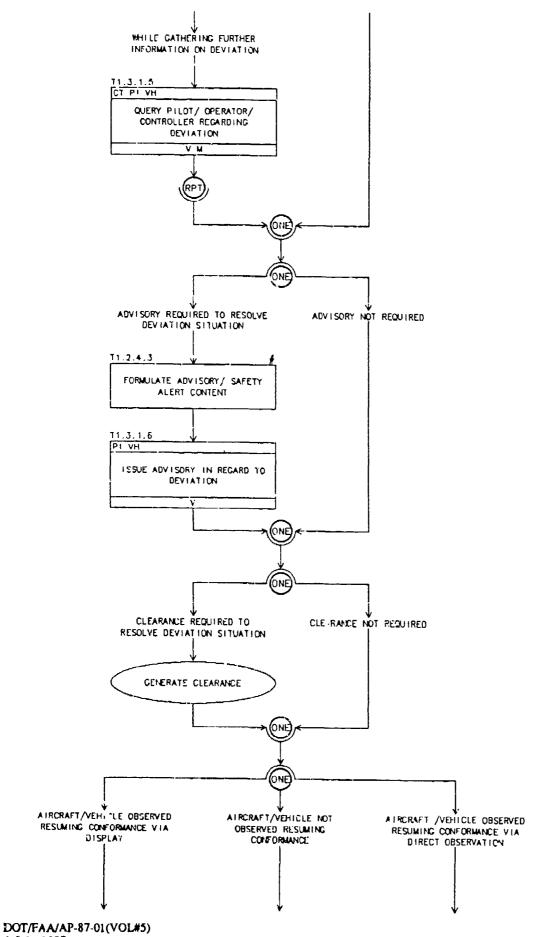




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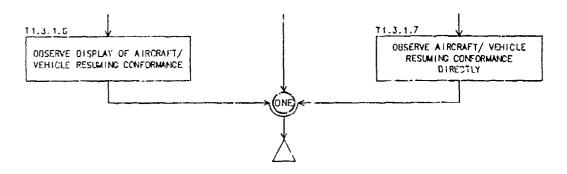
T1.3.1 PROCESSING DEVIATIONS (cont.)

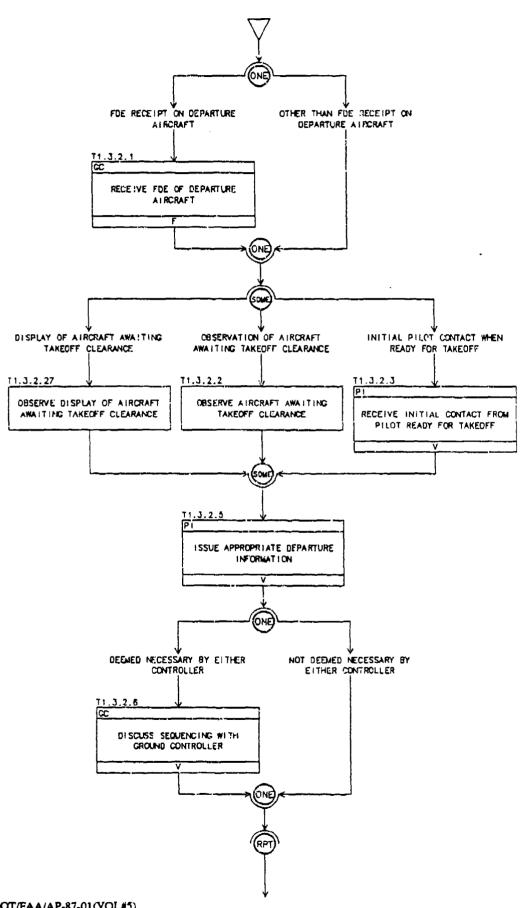


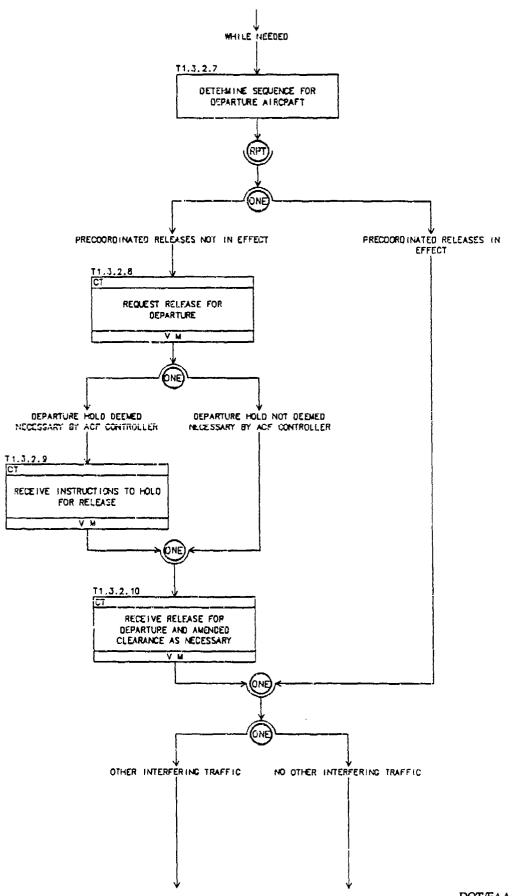


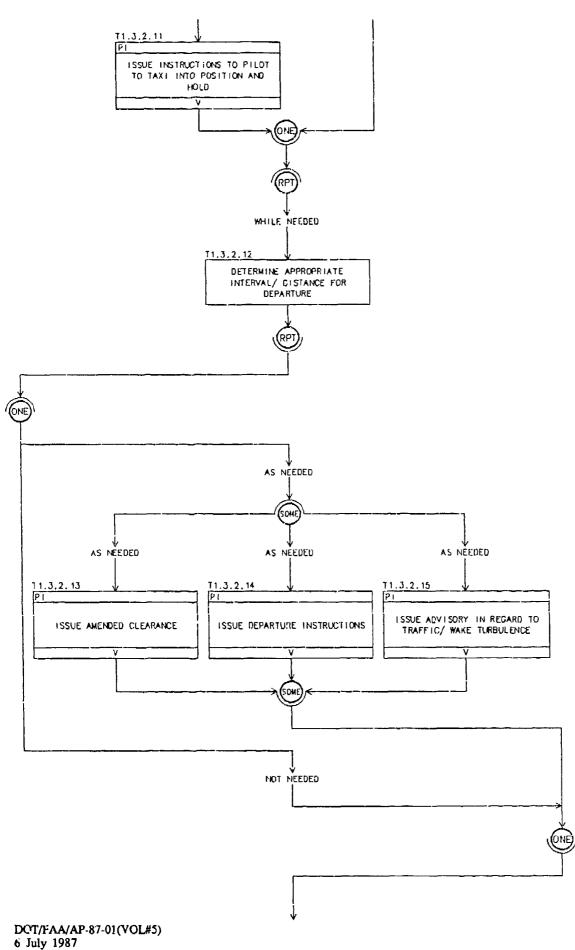
6 July 1987

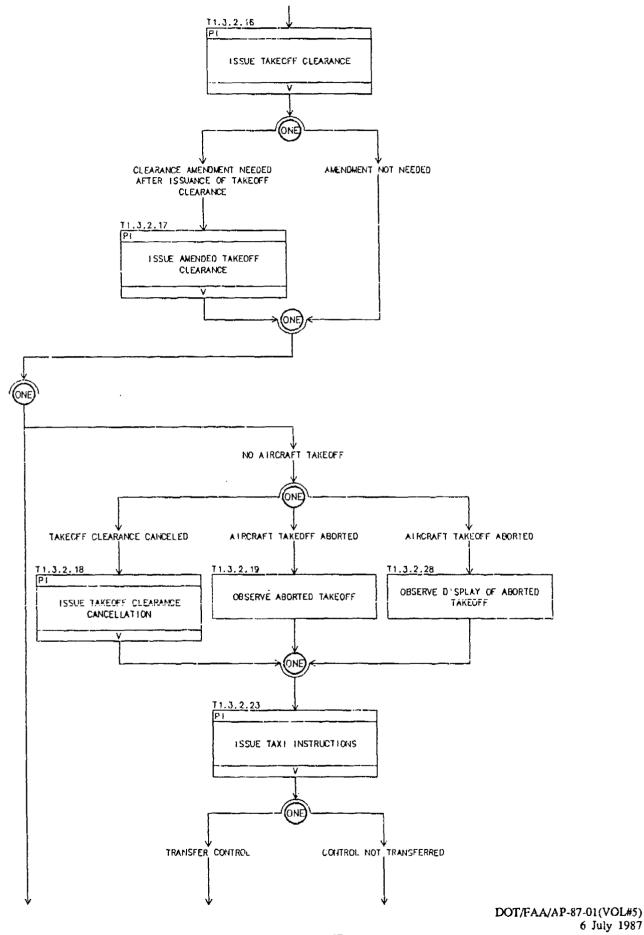
T1.3.1 PROCESSING DEVIATIONS (cont.)

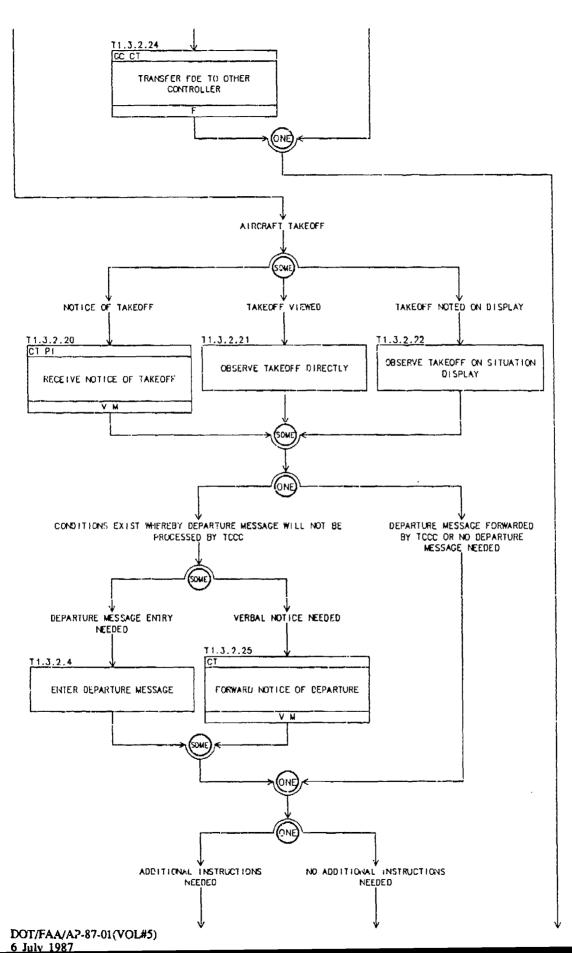


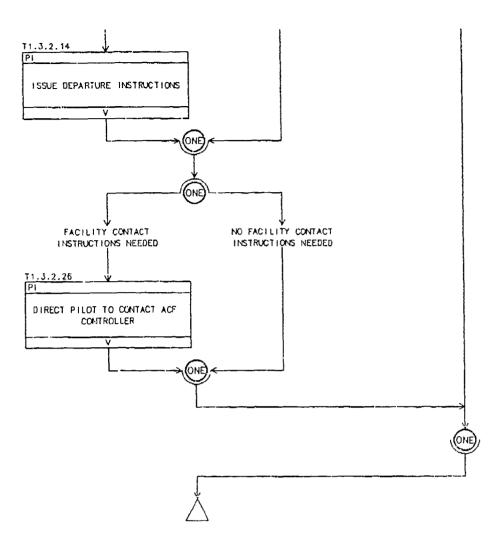


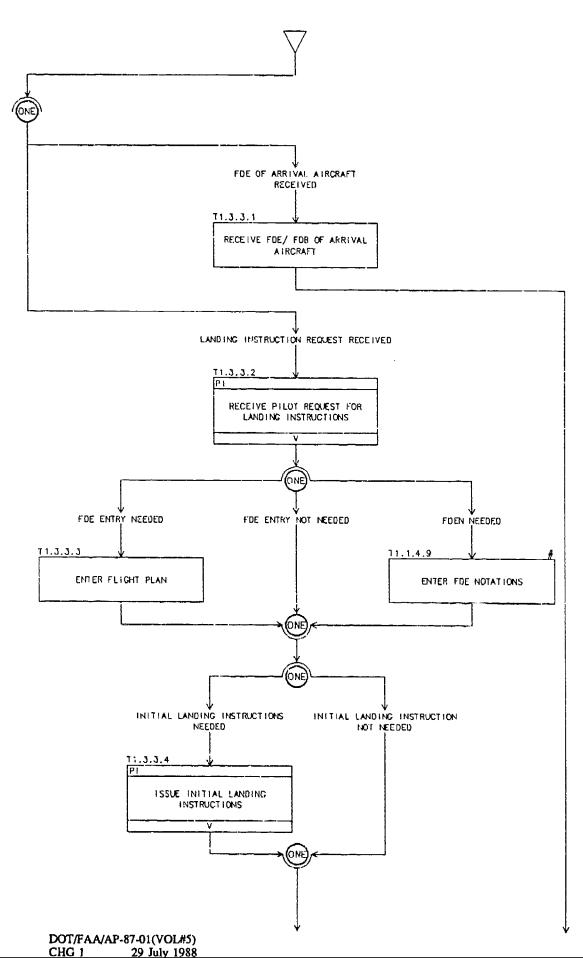


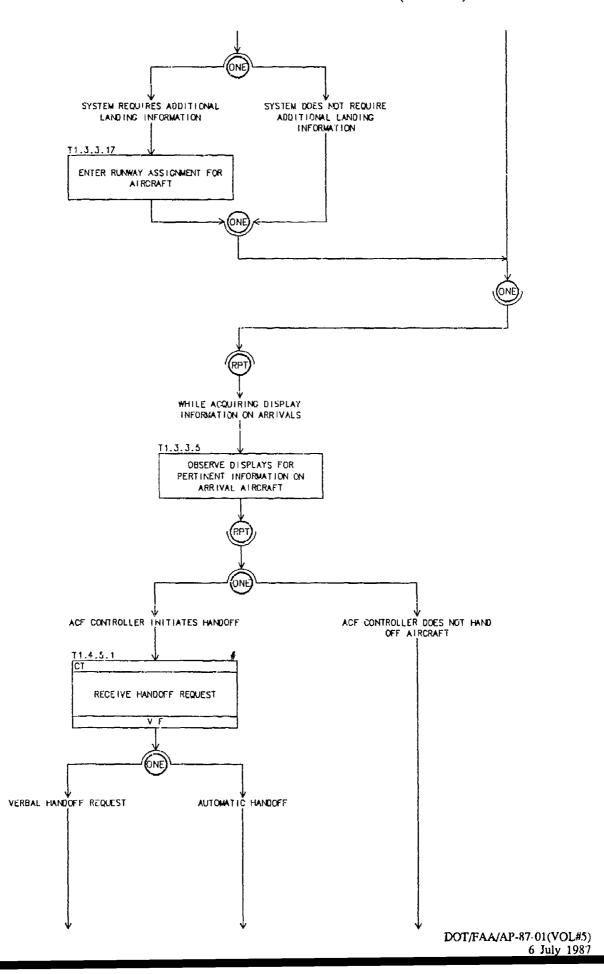


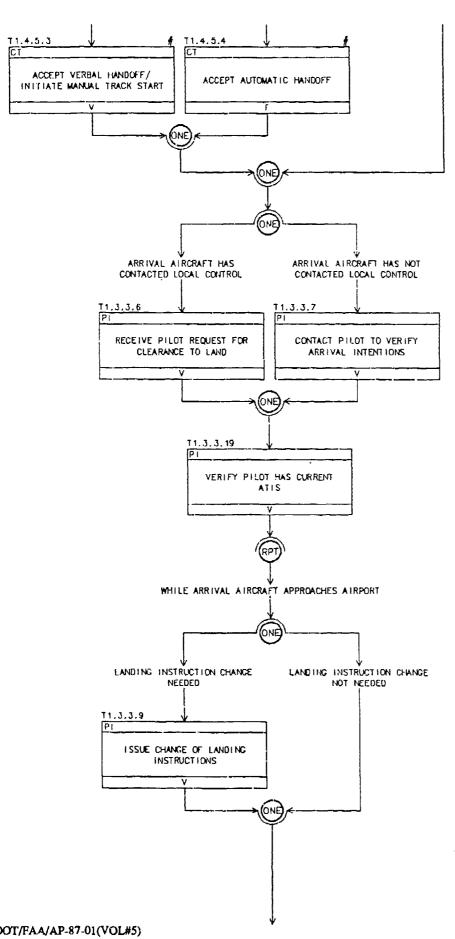




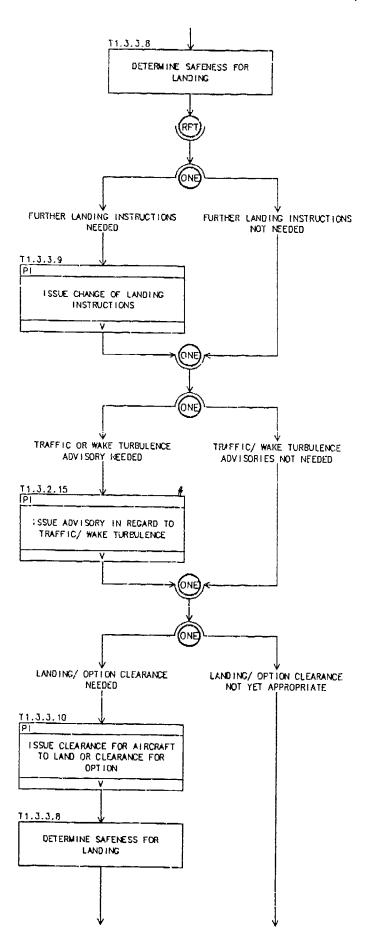


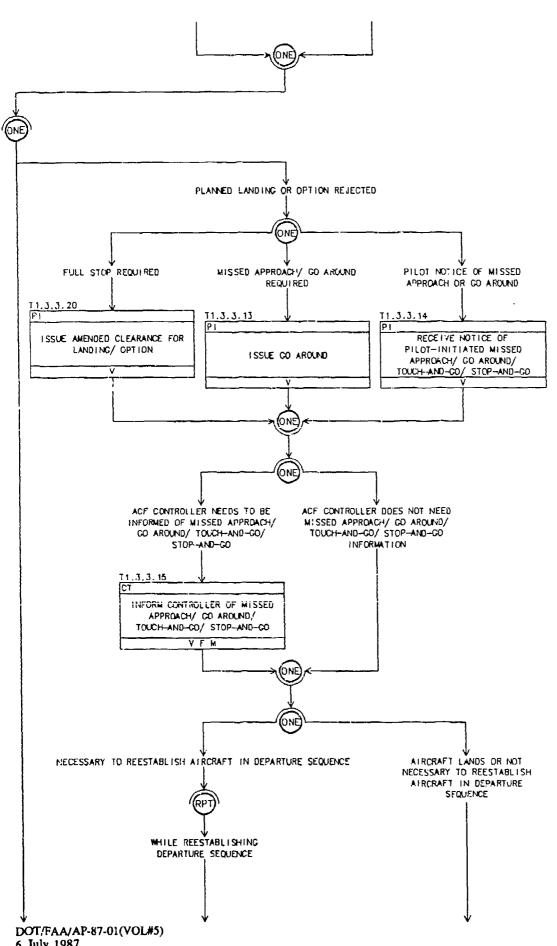




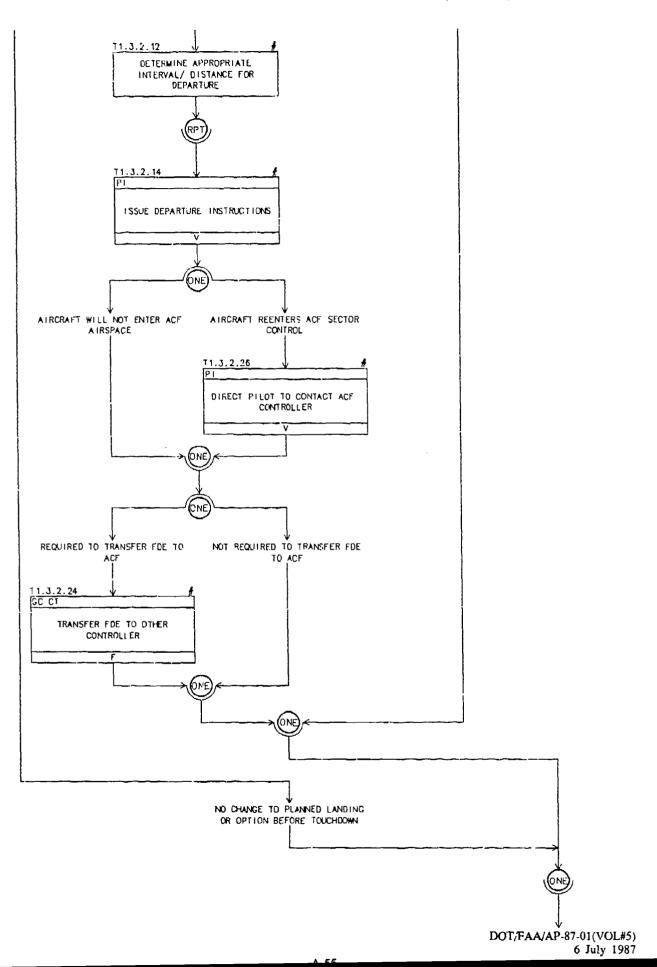


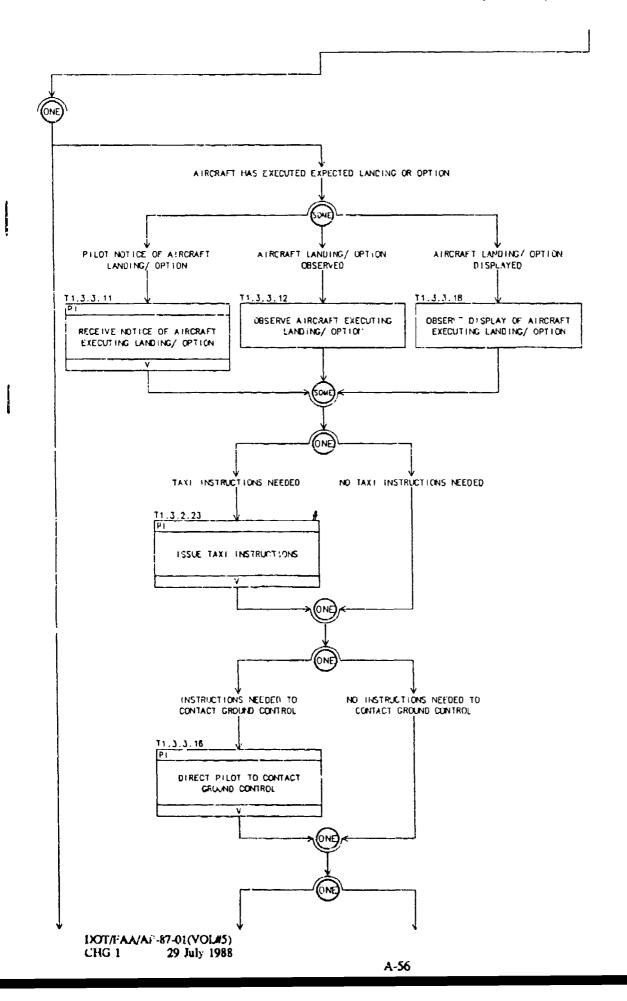
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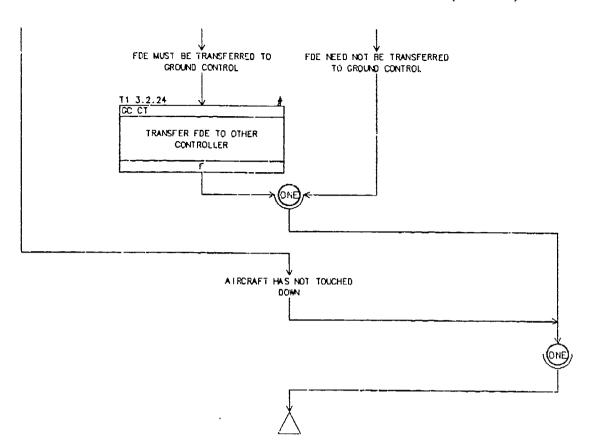


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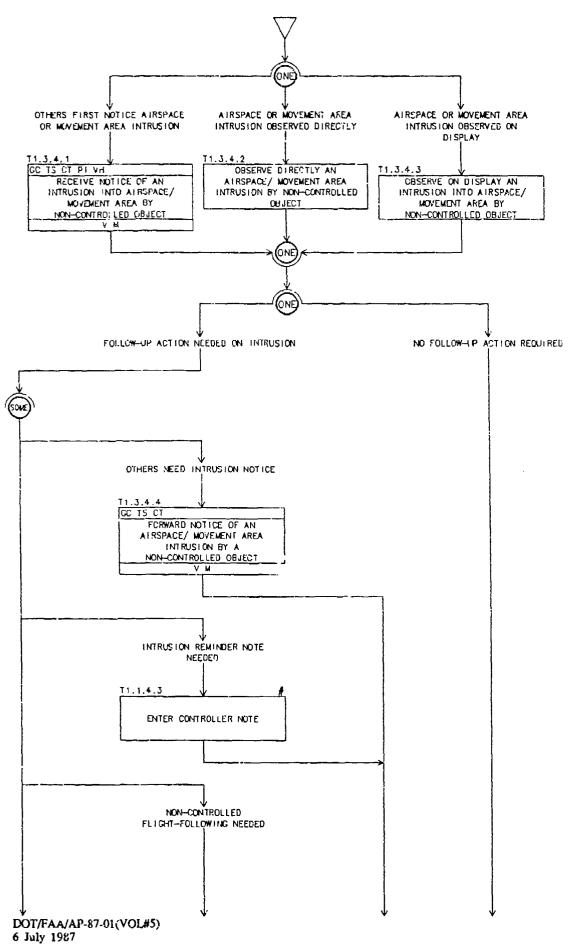




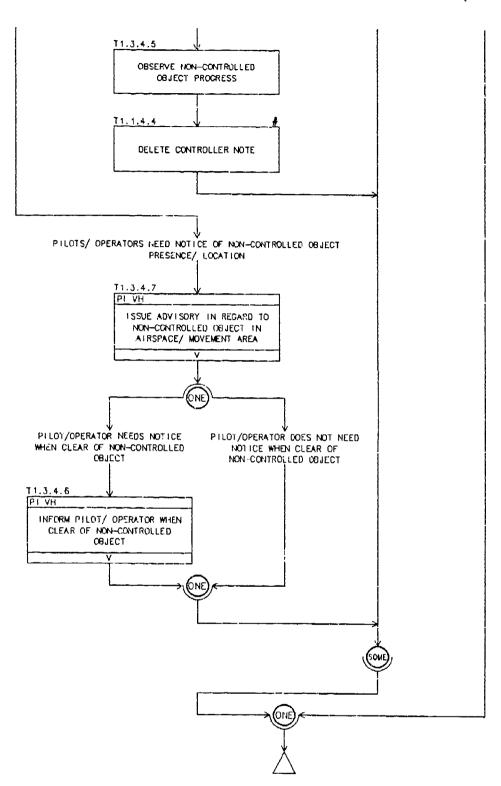
T1.3.3 ESTABLISHING LANDING SEQUENCES (cont.)

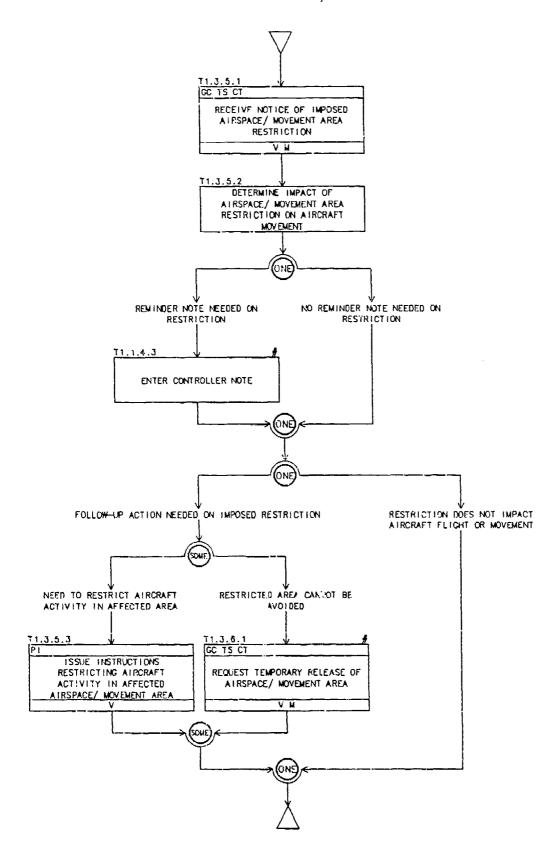


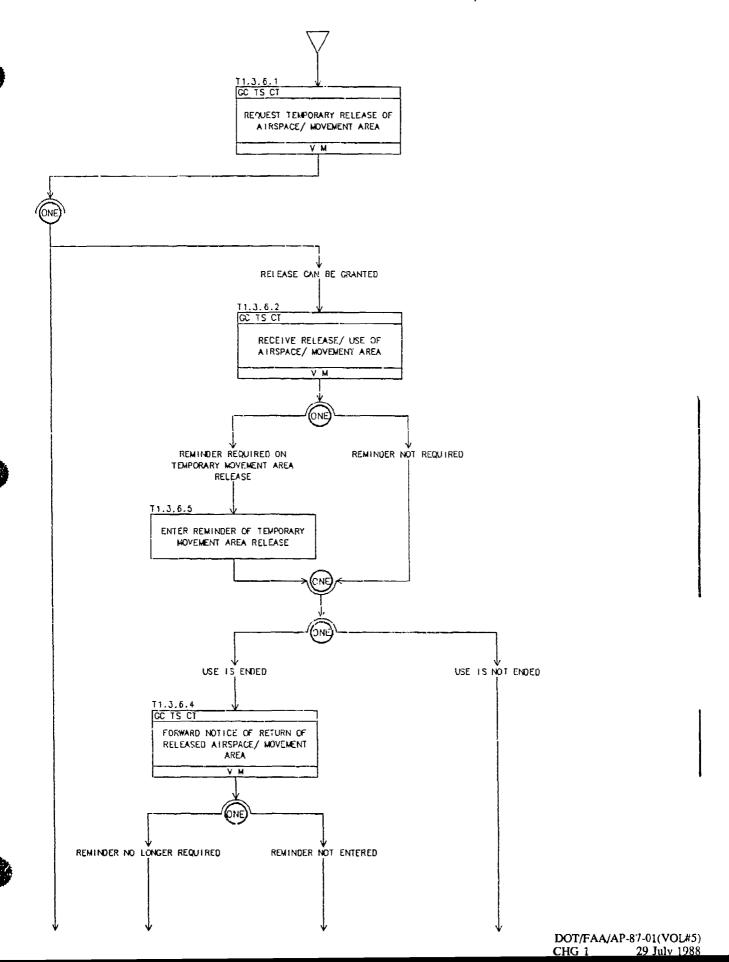
T1.3.4 MONITORING NON-CONTROLLED OBJECTS

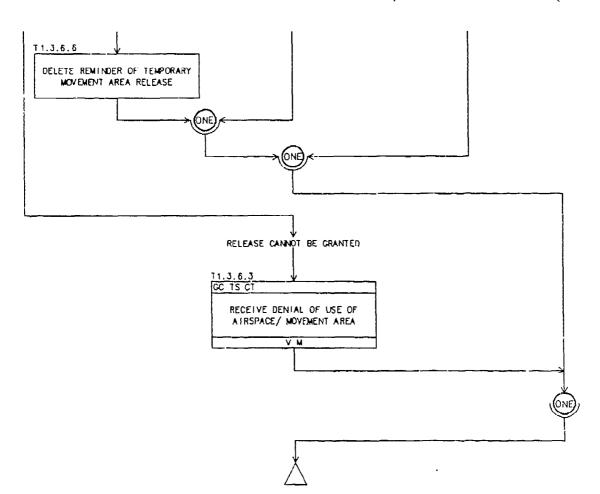


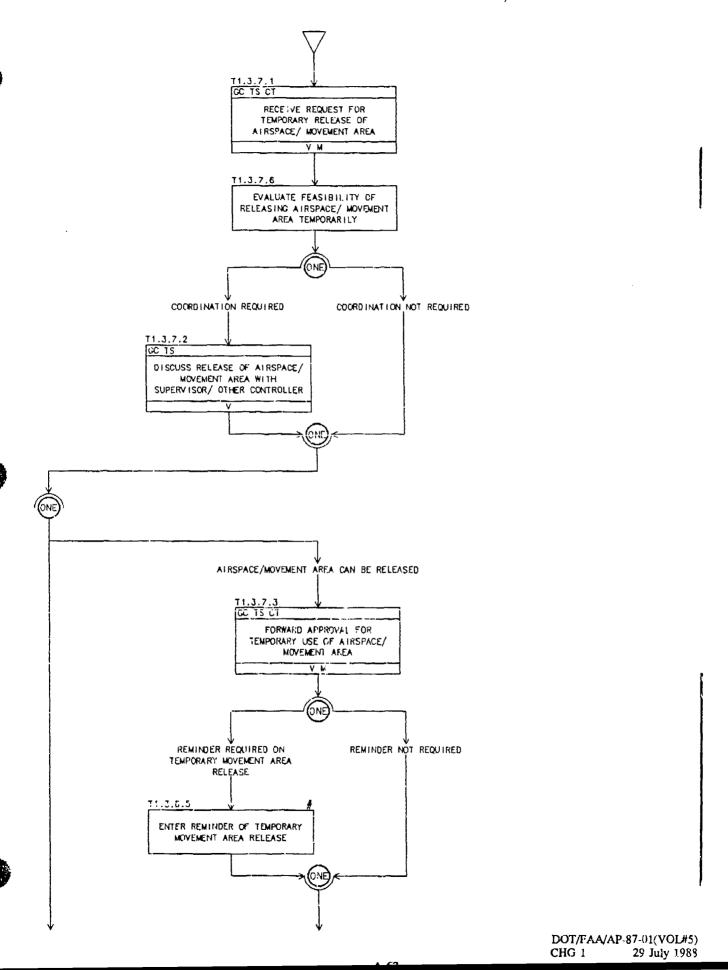
T1.3.4 MONITORING NON-CONTROLLED OBJECTS (cont.)

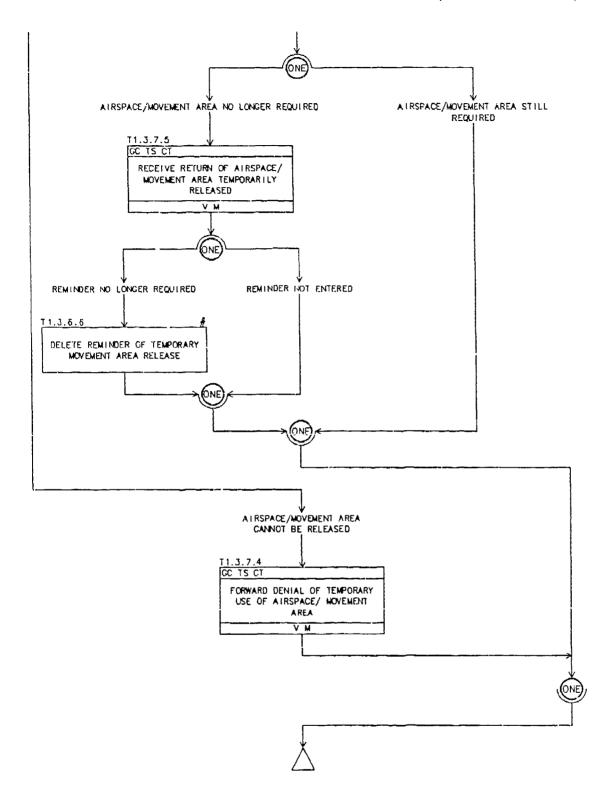


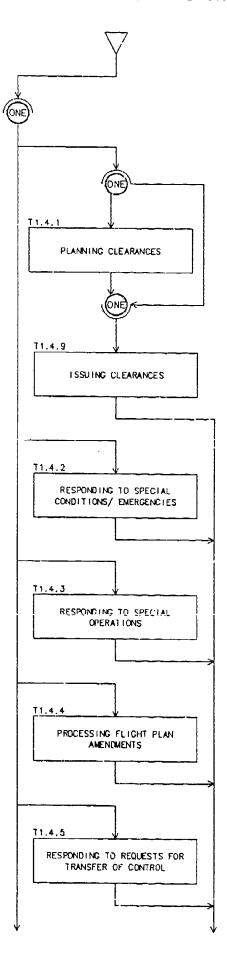




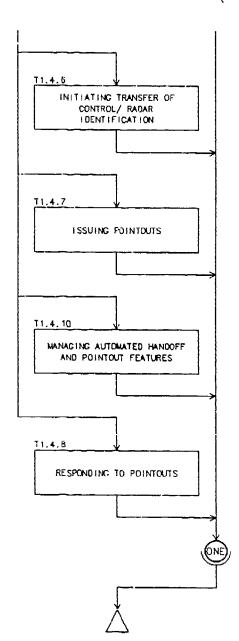


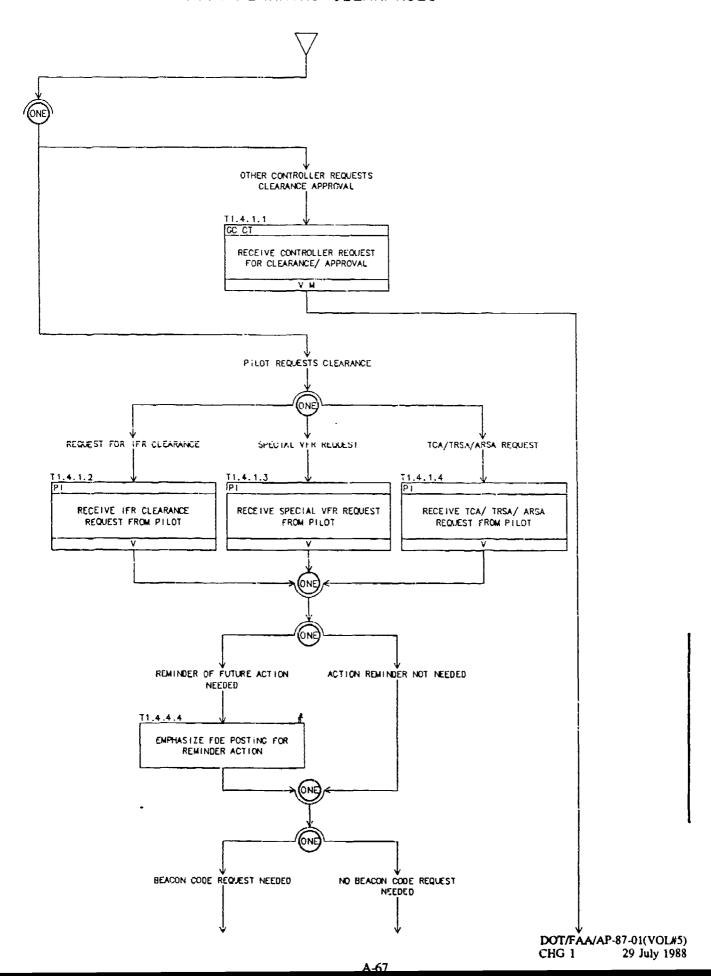




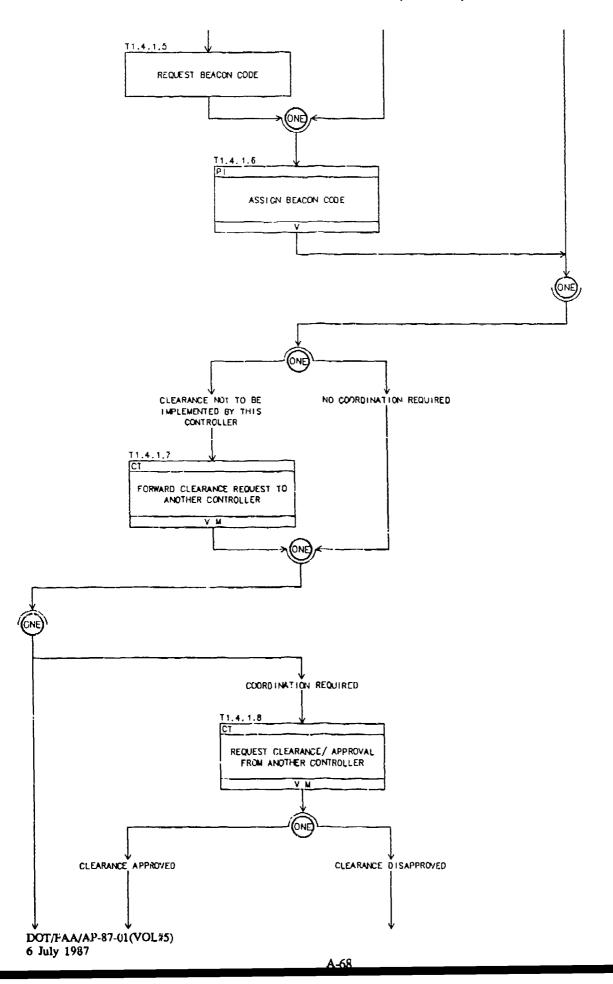


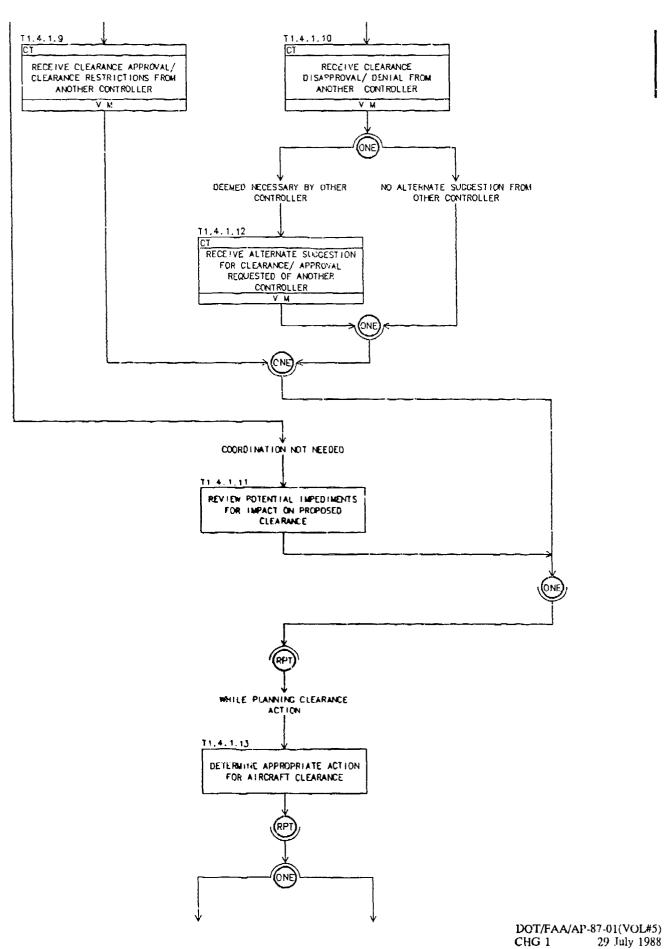
T1.4 ROUTE OR PLAN FLIGHTS (cont.)





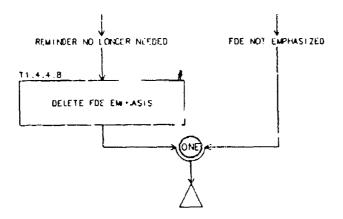
T1.4.1 PLANNING CLEARANCES (cont.)

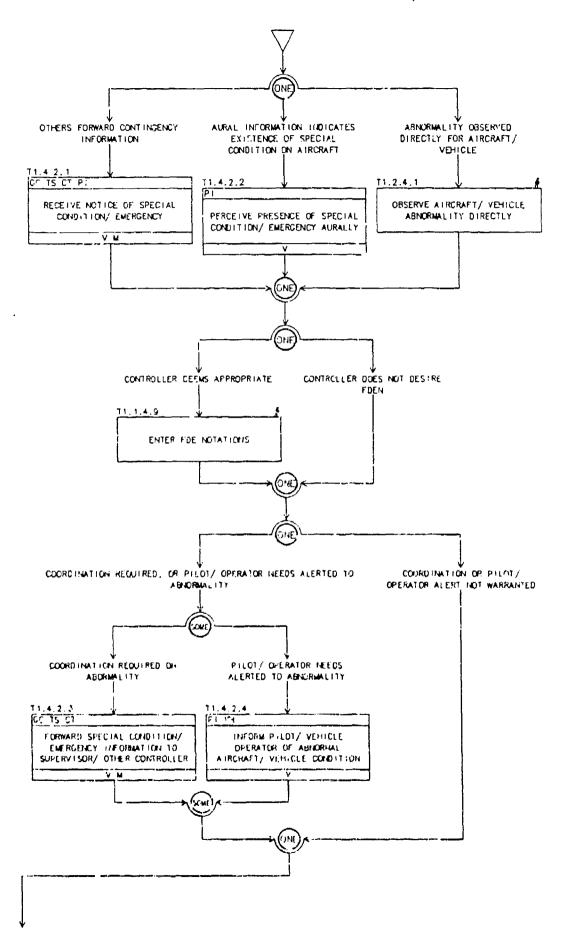




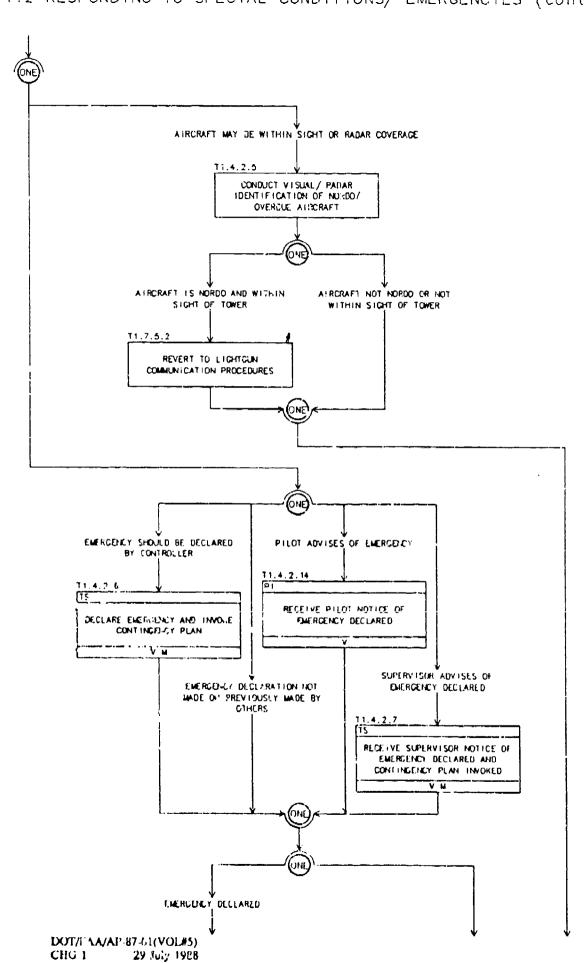
A-69

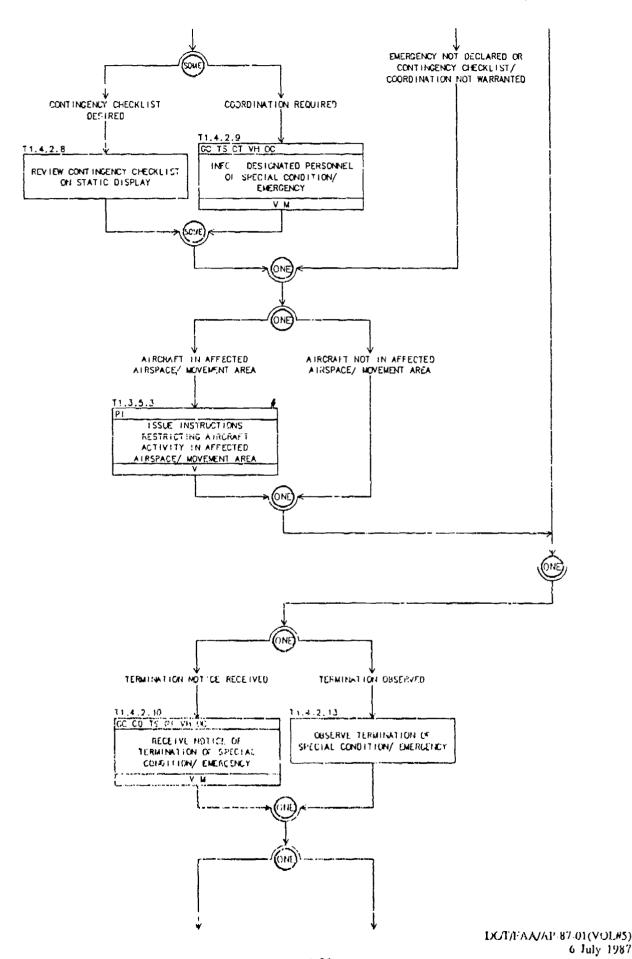
T1.4.1 PLANNING CLEARANCES (cont.)



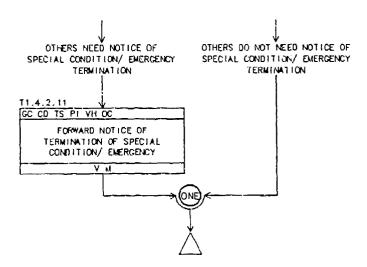


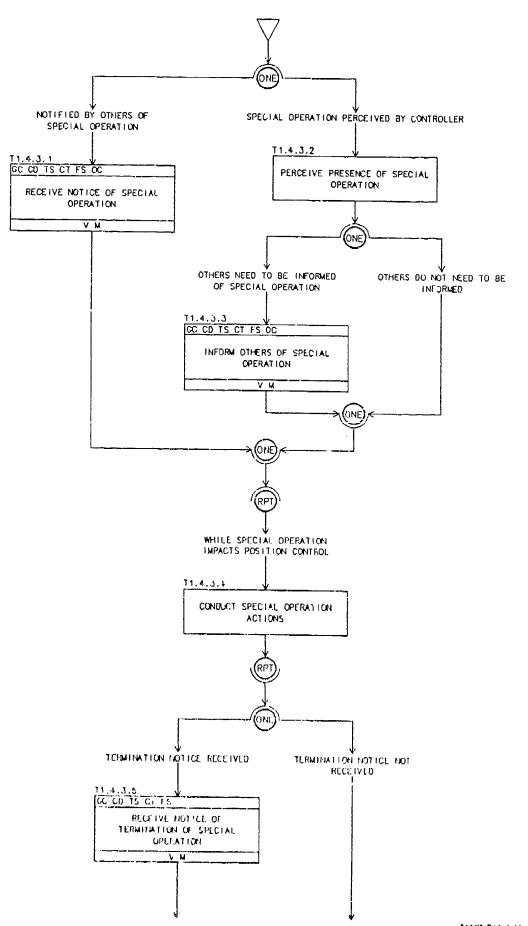
T1.4.2 RESPONDING TO SPECIAL CONDITIONS/ EMERGENCIES (cont.)



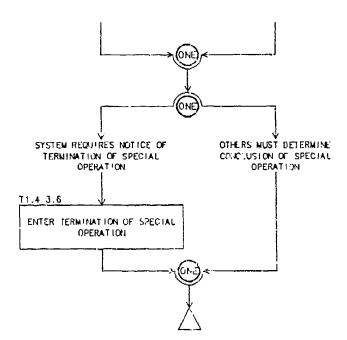


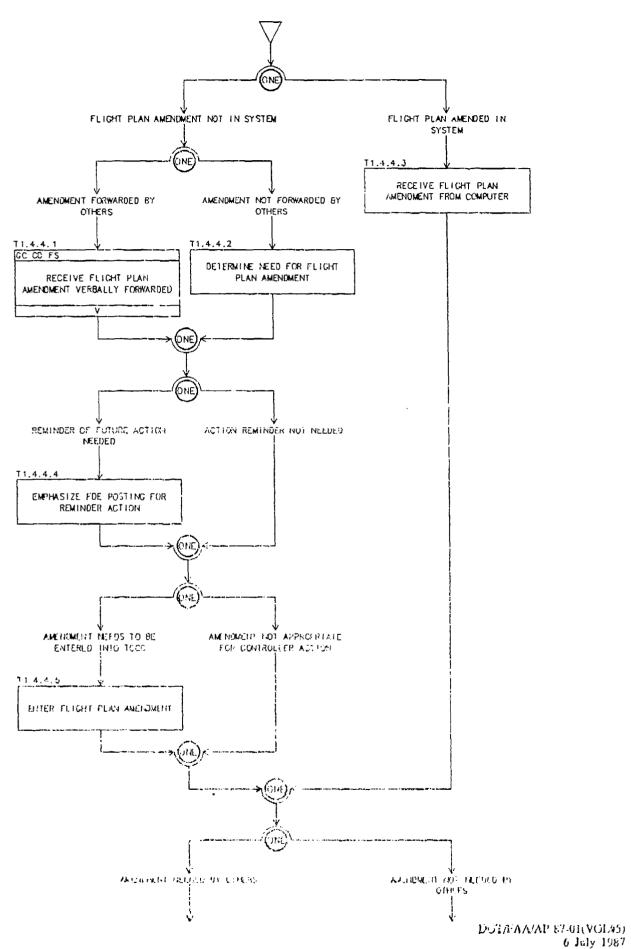
T1.4.2 RESPONDING TO SPECIAL CONDITIONS/ EMERGENCIES (cont.)

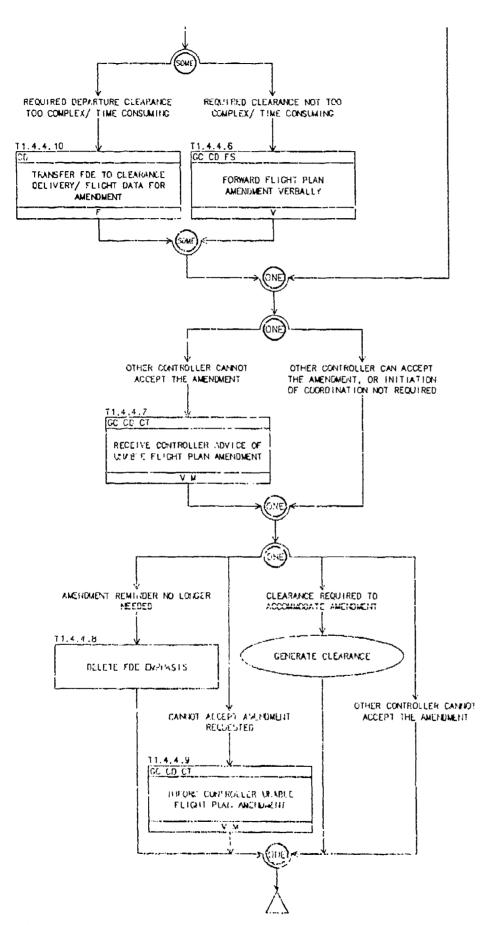


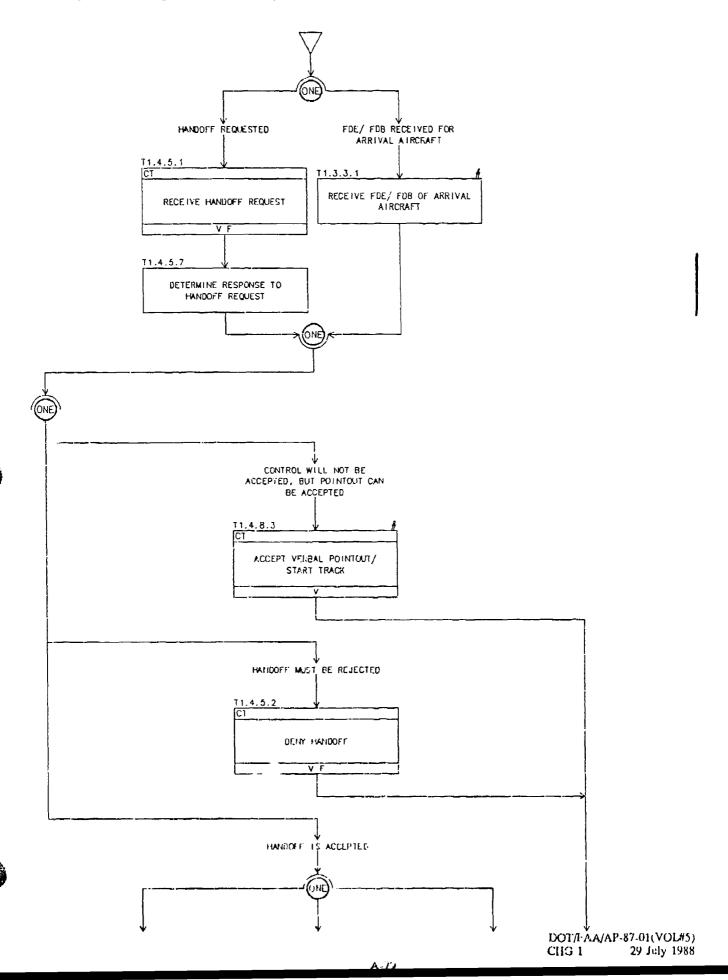


T1.4.3 RESPONDING TO SPECIAL OPERATIONS (cont.)

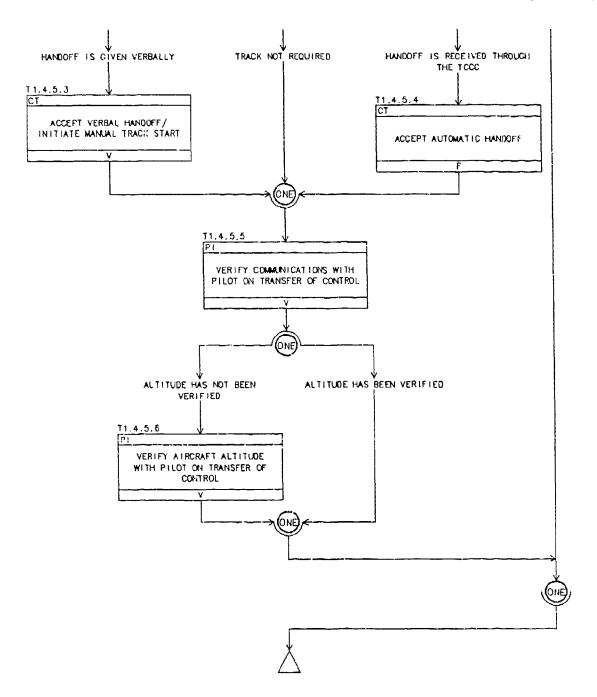


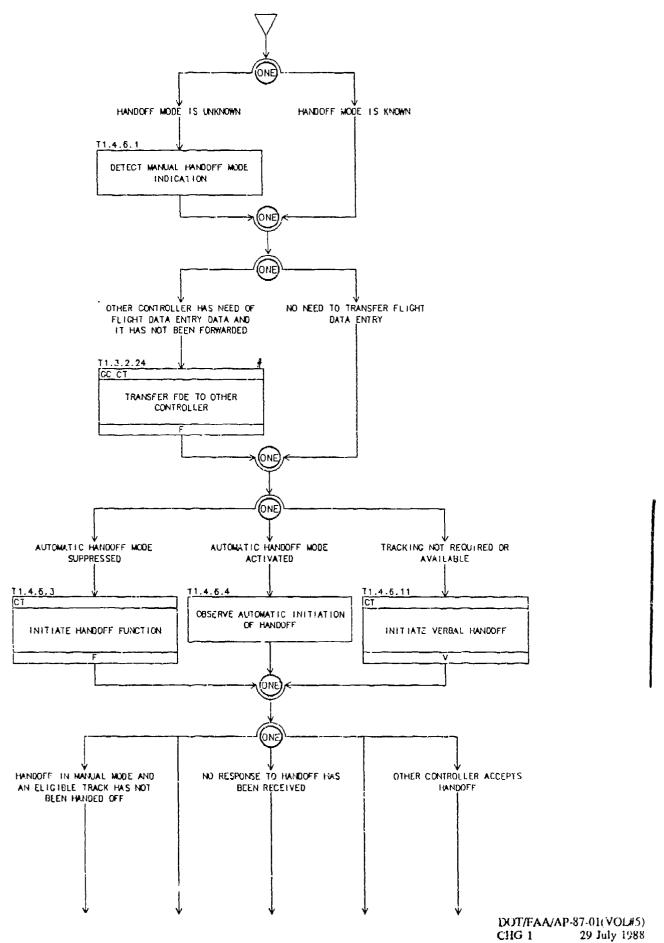




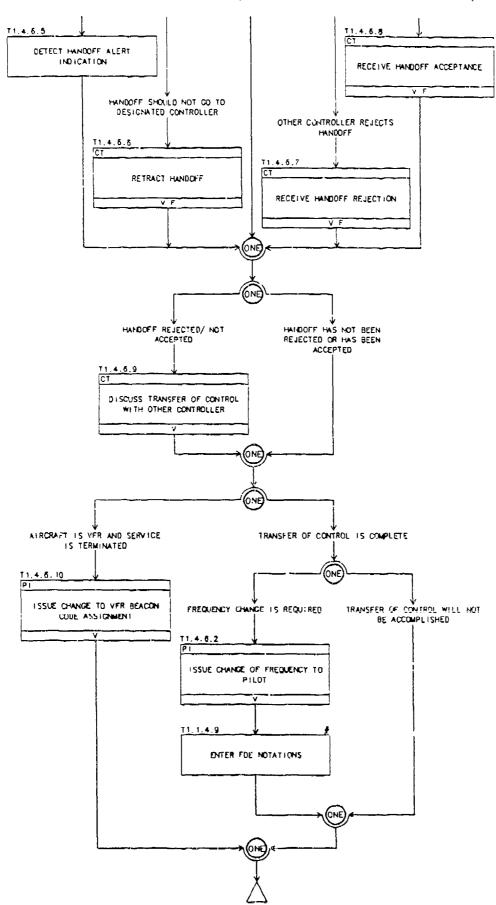


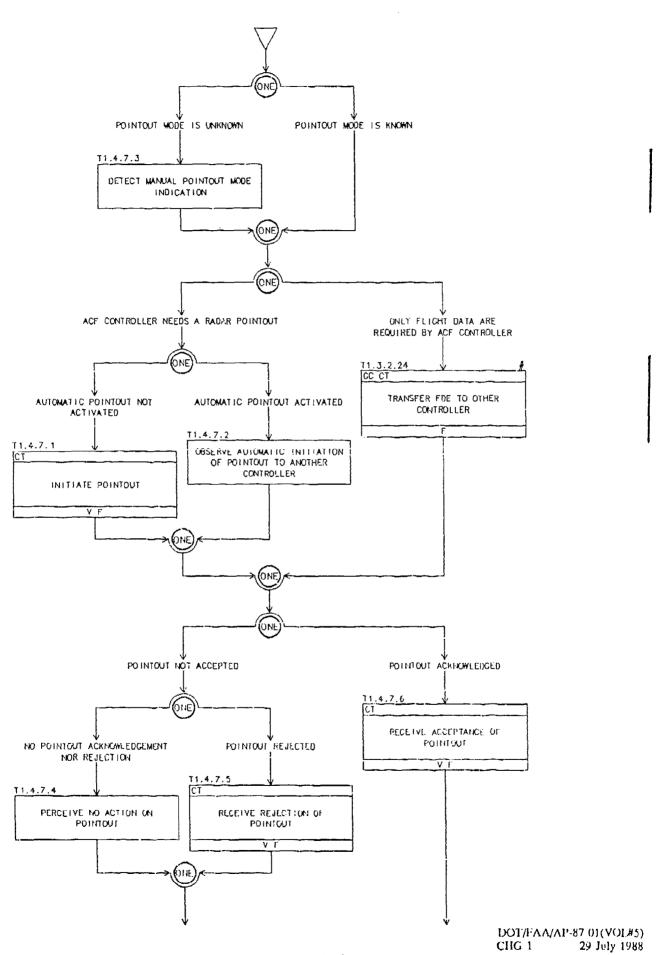
T1.4.5 RESPONDING TO REQUESTS FOR TRANSFER OF CONTROL (cont.)



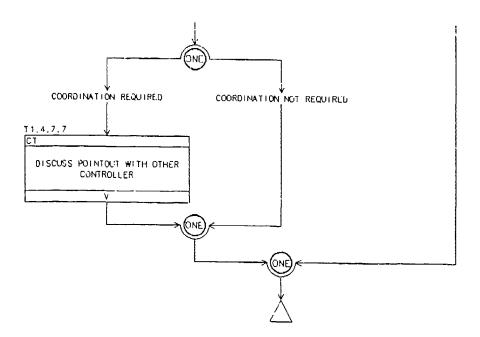


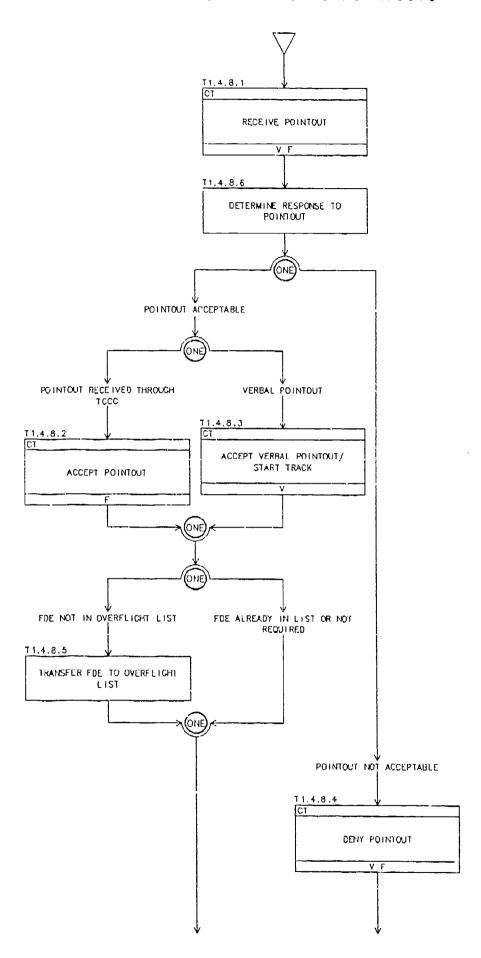
1.4.6 INITIATING TRANSFER OF CONTROL/ RADAR IDENTIFICATION (cont.)



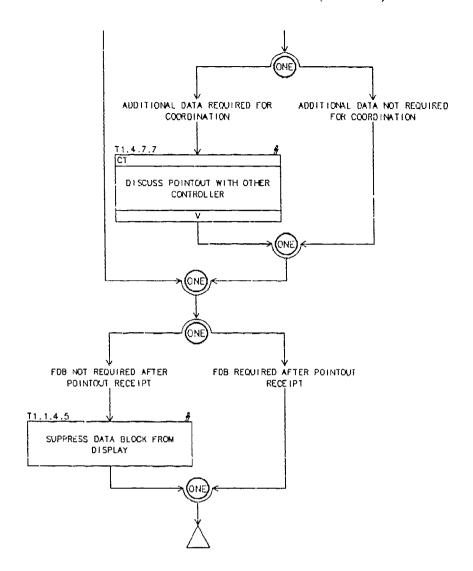


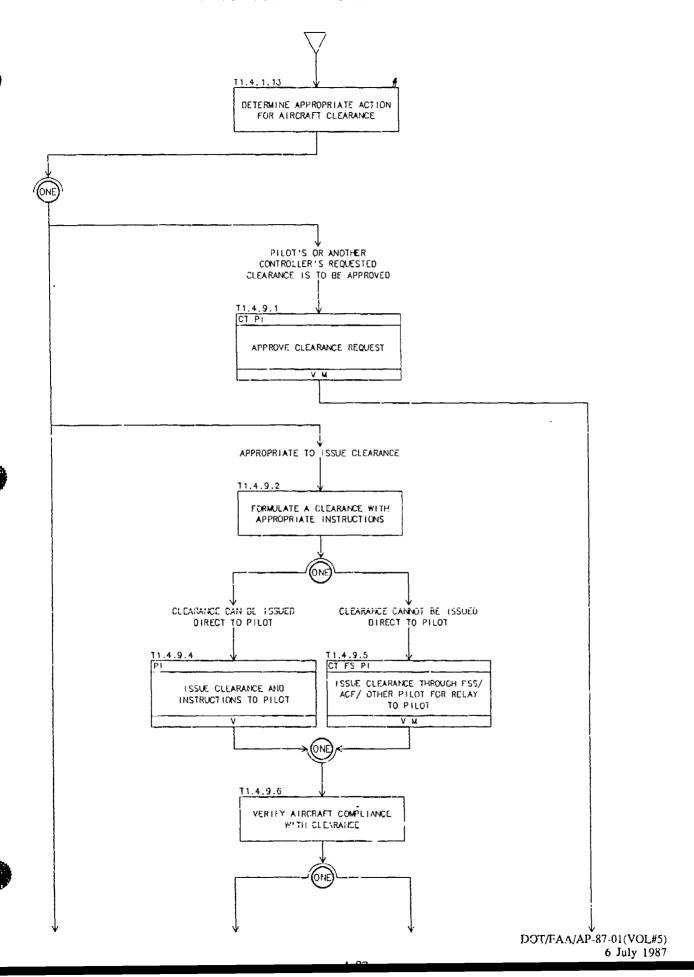
T1.4.7 ISSUING POINTOUTS (cont.)

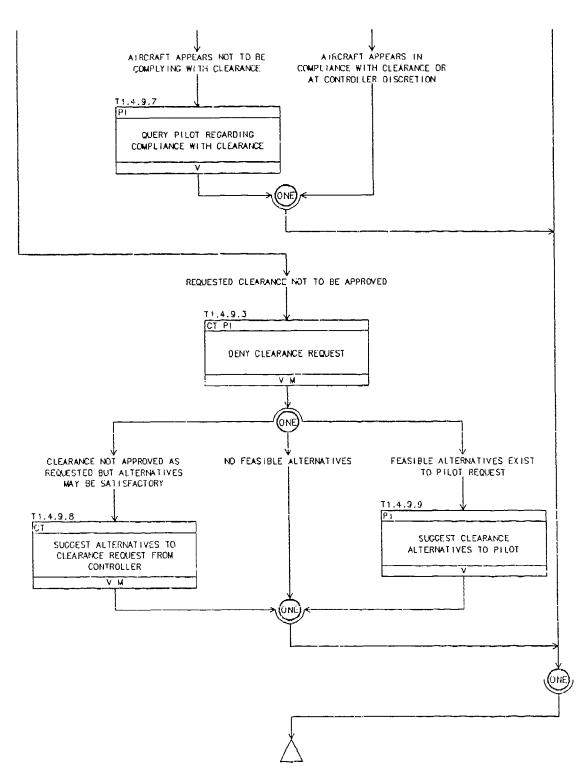




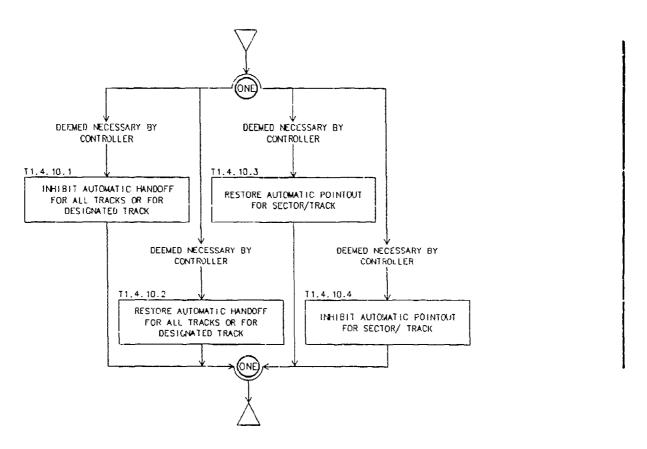
T1.4.8 RESPONDING TO POINTOUTS (cont.)



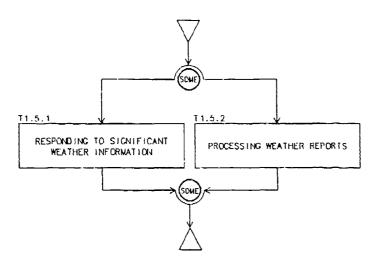


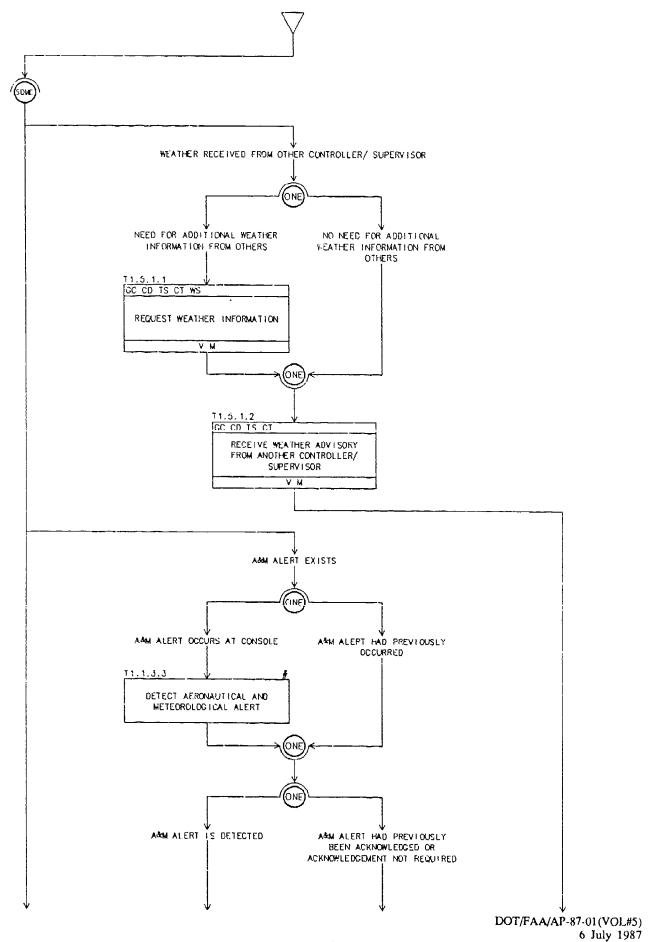


T1.4.10 MANAGING AUTOMATED HANDOFF AND POINTOUT FEATURES

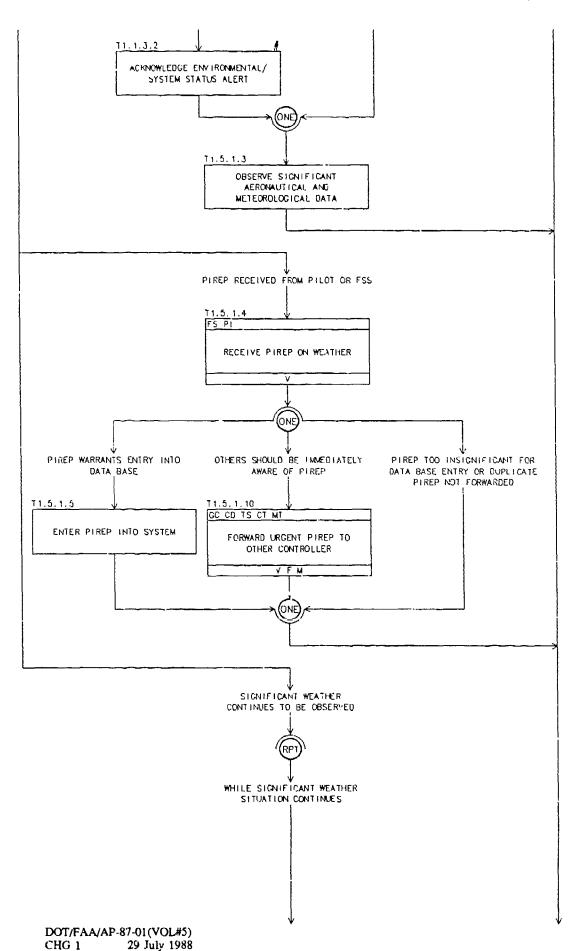


T1.5 ASSESS WEATHER IMPACT

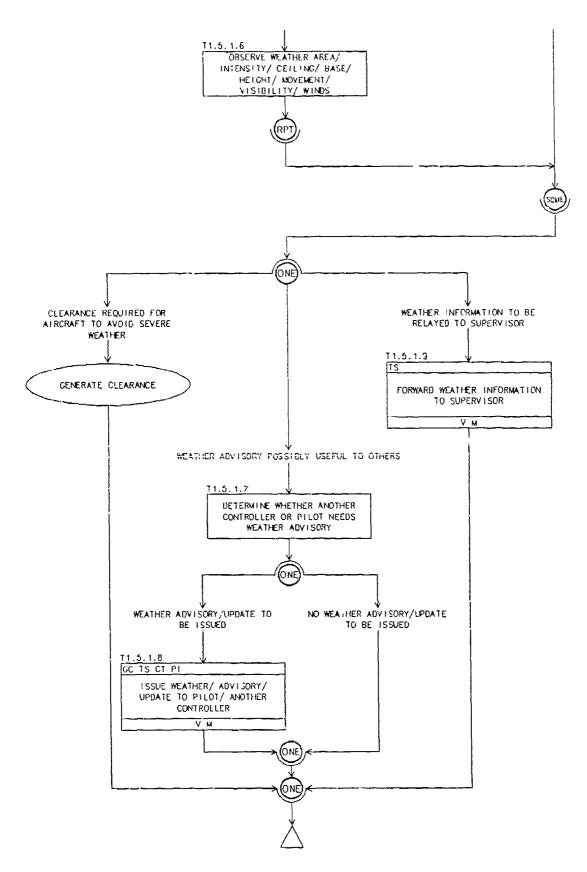


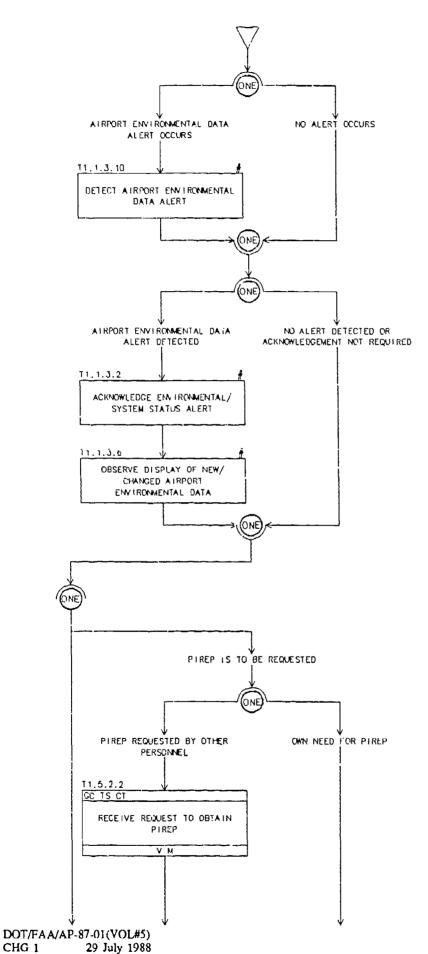


T1.5.1 RESPONDING TO SIGNIFICANT WEATHER INFORMATION (cont.)

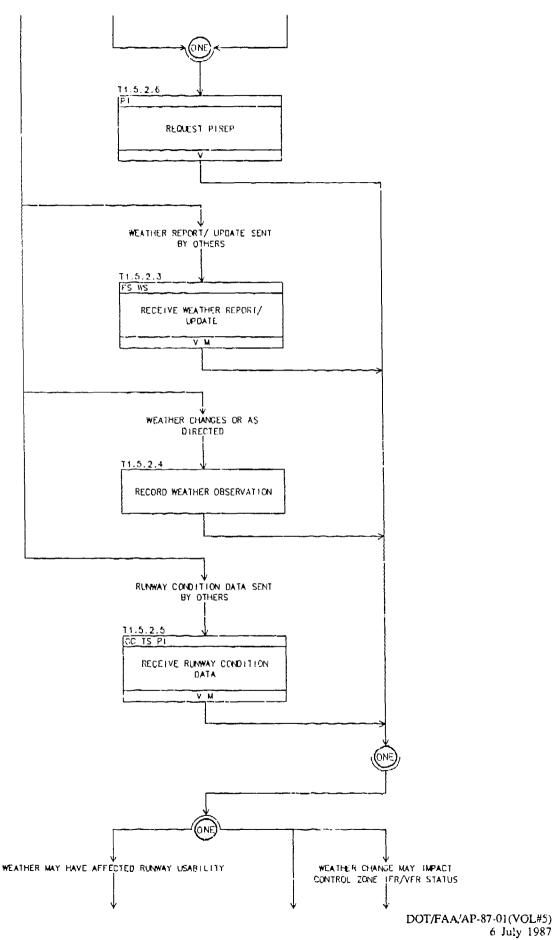


T1.5.1 RESPONDING TO SIGNIFICANT WEATHER INFORMATION (cont.)

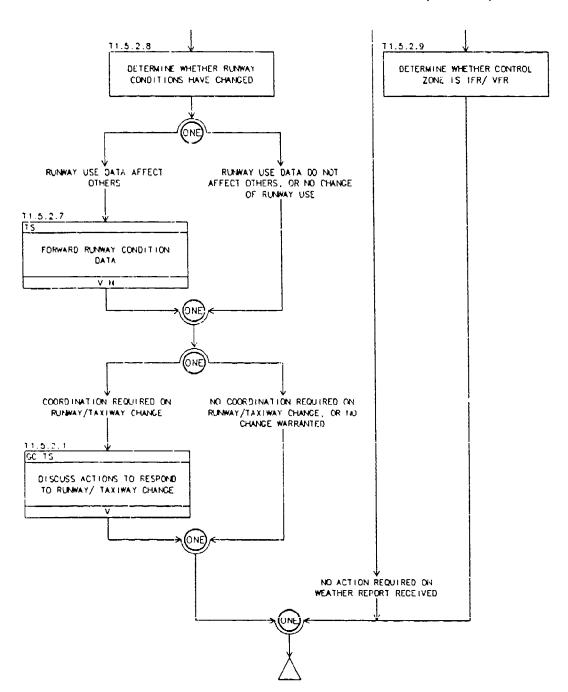




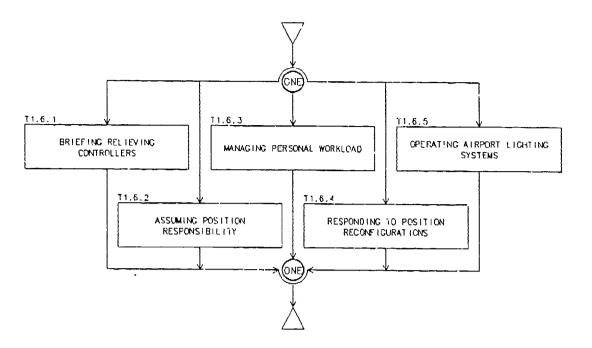
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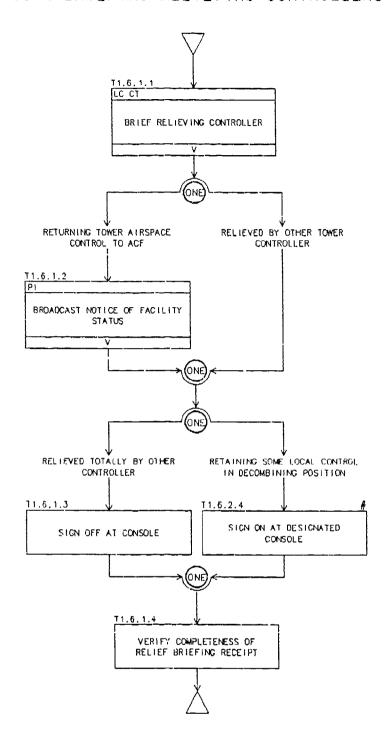
T1.5.2 PROCESSING WEATHER REPORTS (cont.)

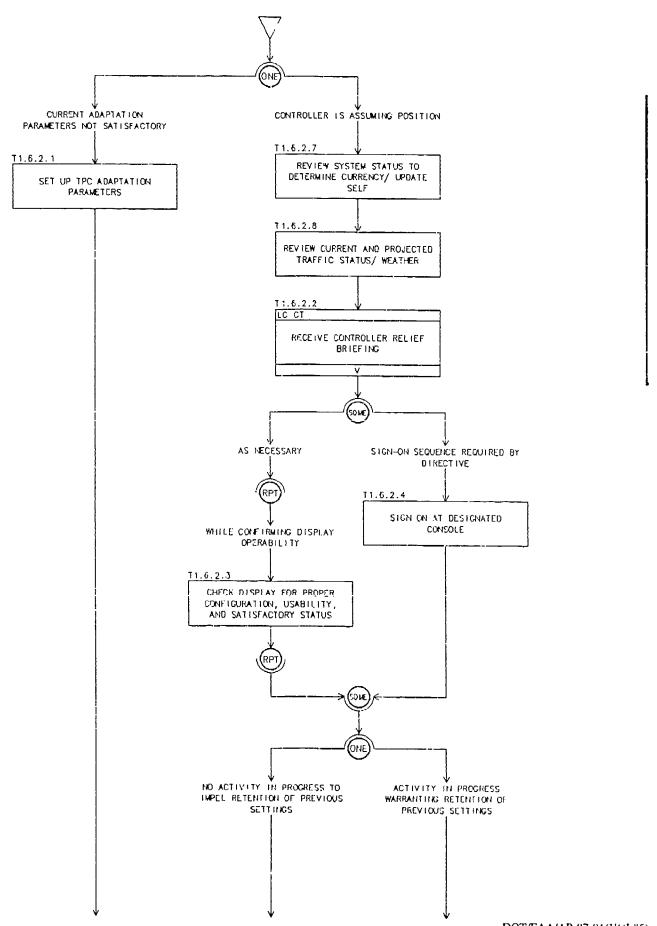


T1.6 MANAGE LOCAL CONTROLLER POSITION RESOURCES



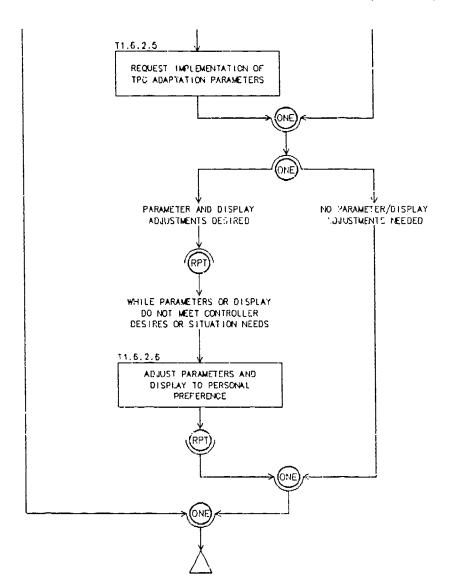
T1.6.1 BRIEFING RELIEVING CONTROLLERS

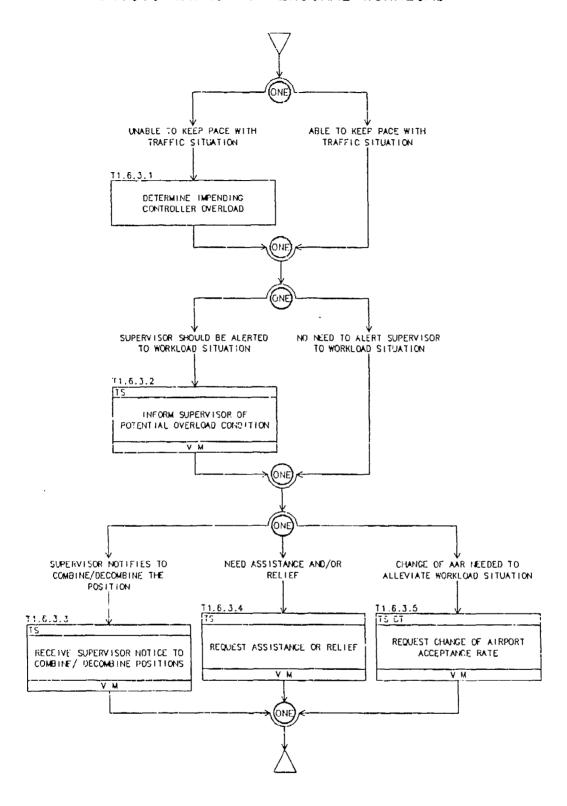


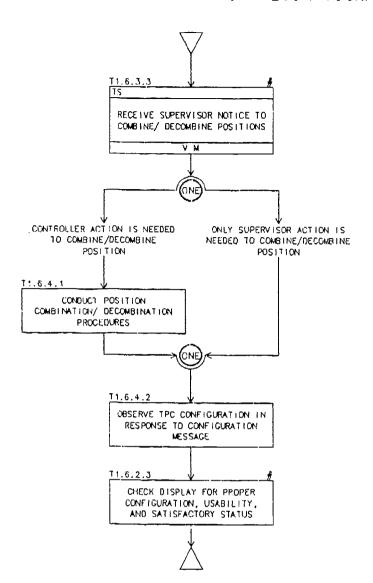


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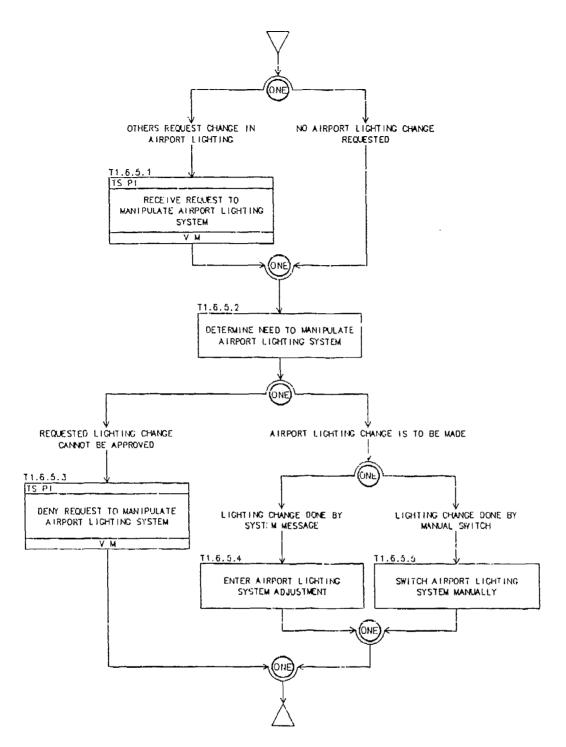
T1.6.2 ASSUMING POSITION RESPONSIBILITY (cont.)

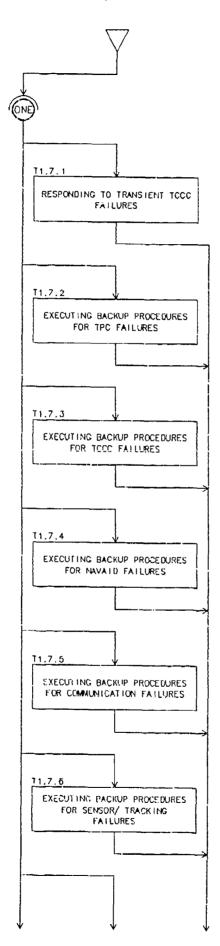




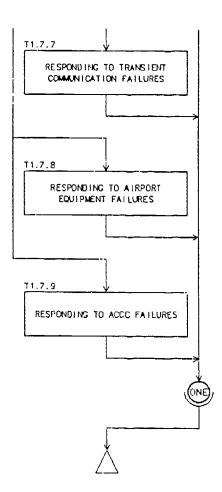


11.6.5 OPERATING AIRPORT LIGHTING SYSTEMS

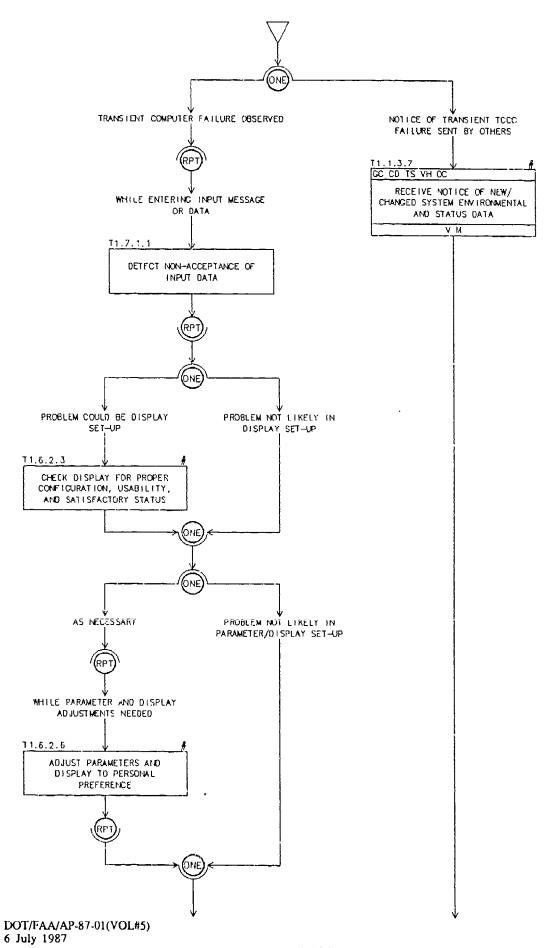




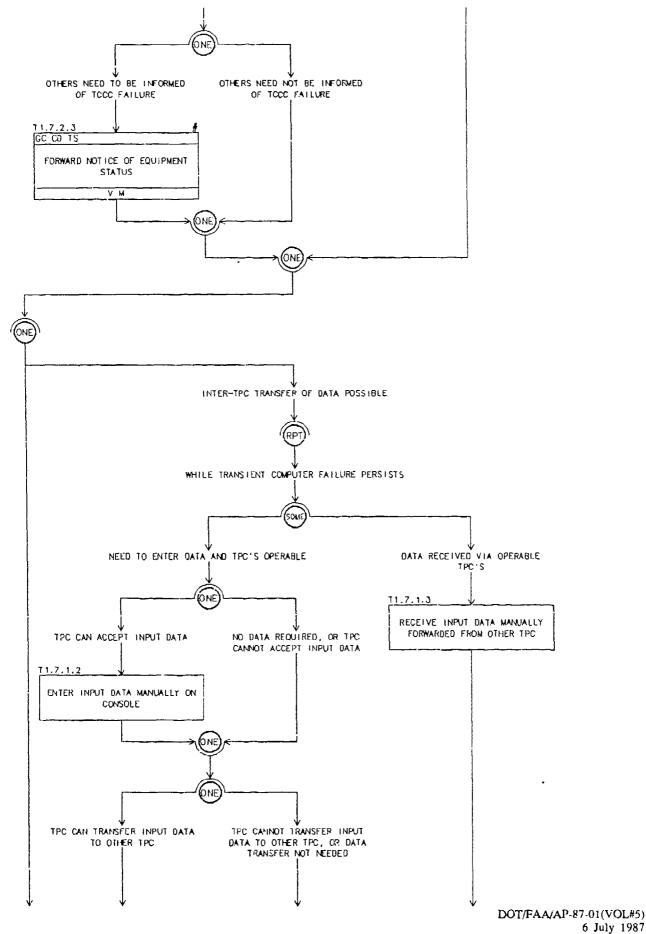
T1.7 RESPOND TO SYSTEM/ EQUIPMENT DEGRADATION (cont.)



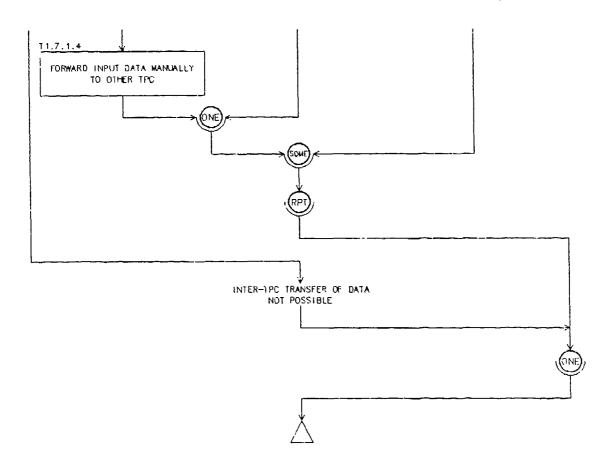
T1.7.1 RESPONDING TO TRANSIENT TCCC FAILURES

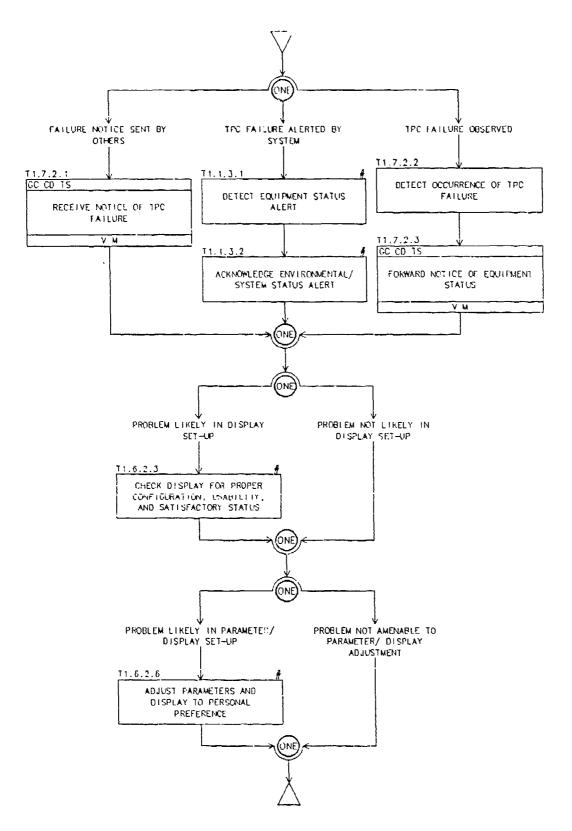


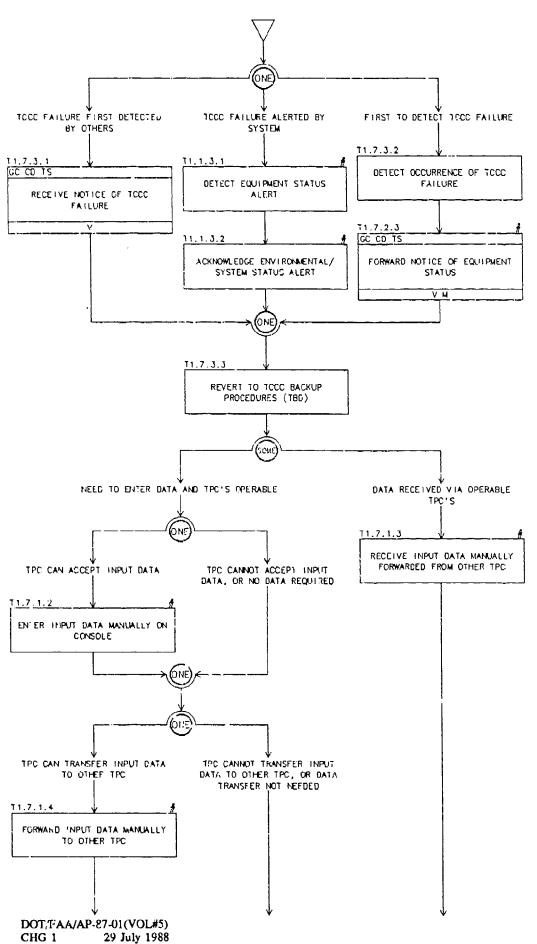
T1.7.1 RESPONDING TO TRANSIENT TCCC FAILURES (cont.)



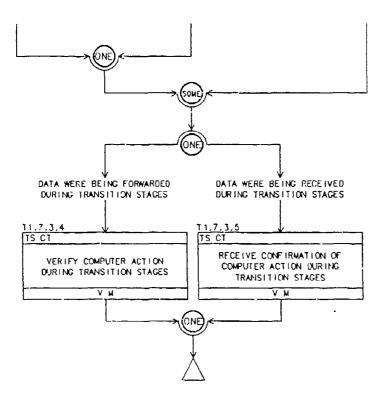
T1.7.1 RESPONDING TO TRANSIENT TCCC FAILURES (cont.)

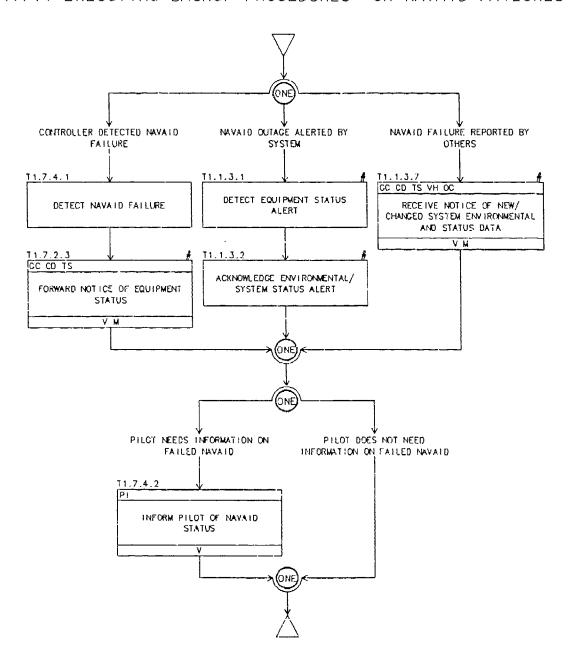


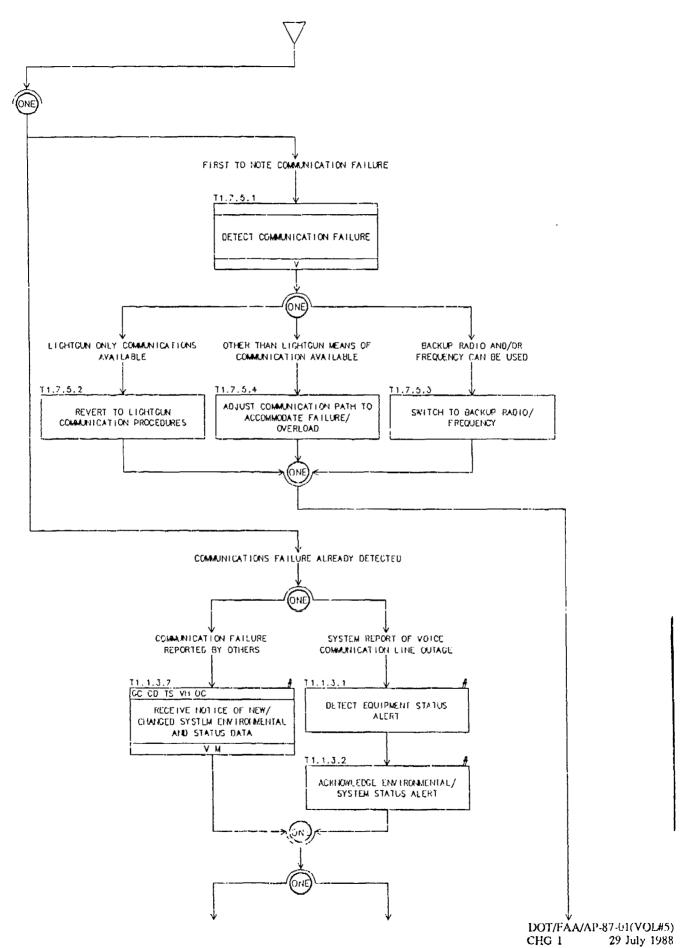




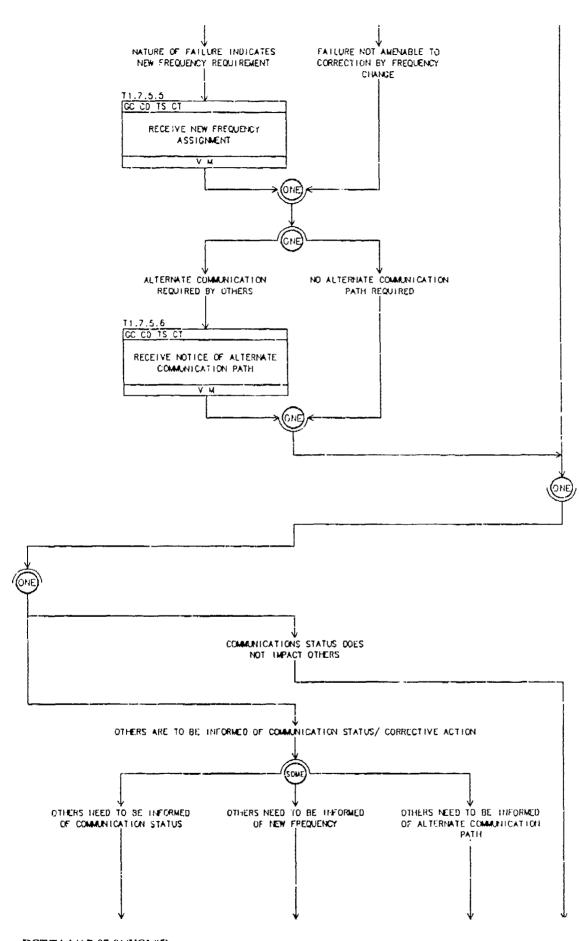
T1.7.3 EXECUTING BACKUP PROCEDURES FOR TCCC FAILURES (cont.)



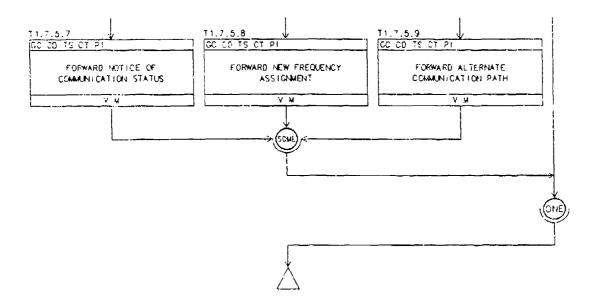




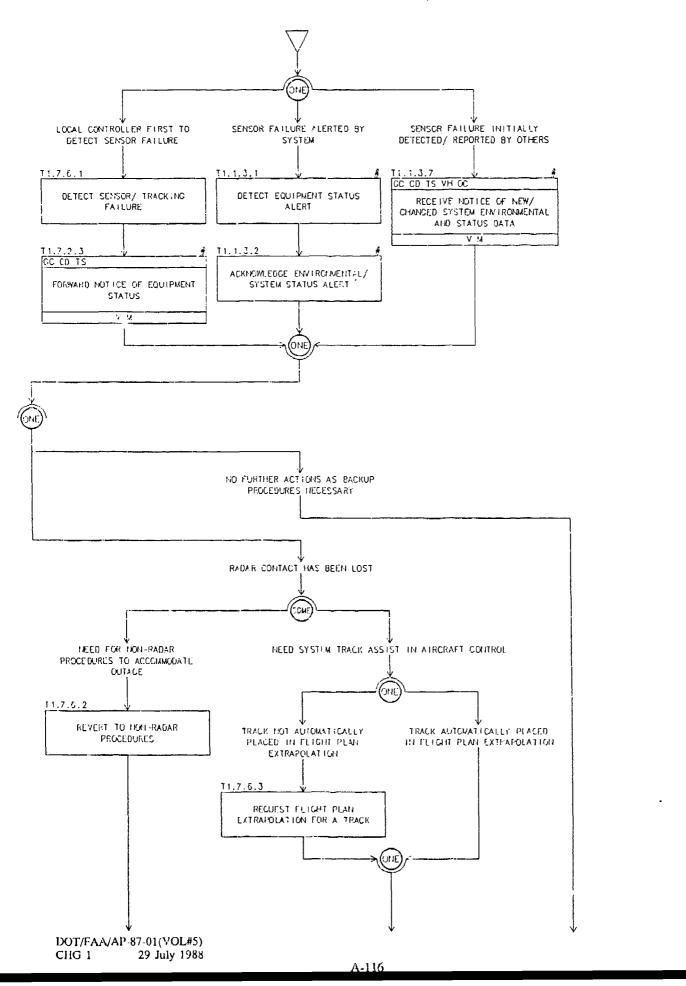
T1.7.5 EXECUTING BACKUP PROCEDURES FOR COMMUNICATION FAILURES (cont.)

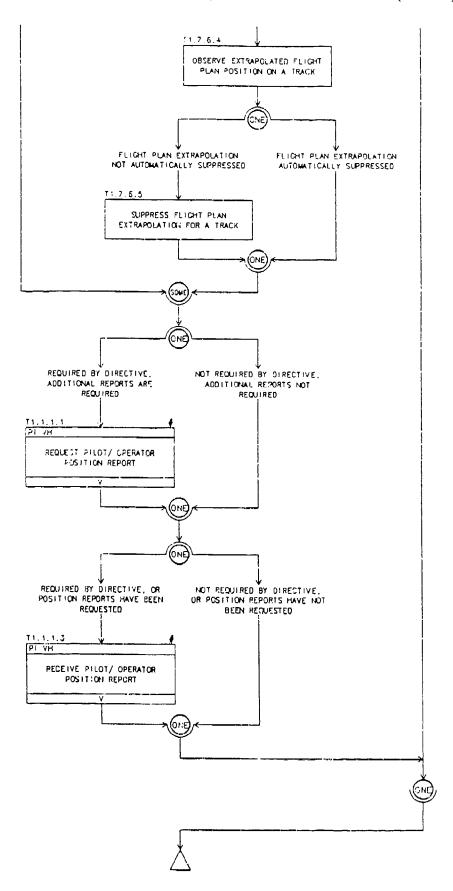


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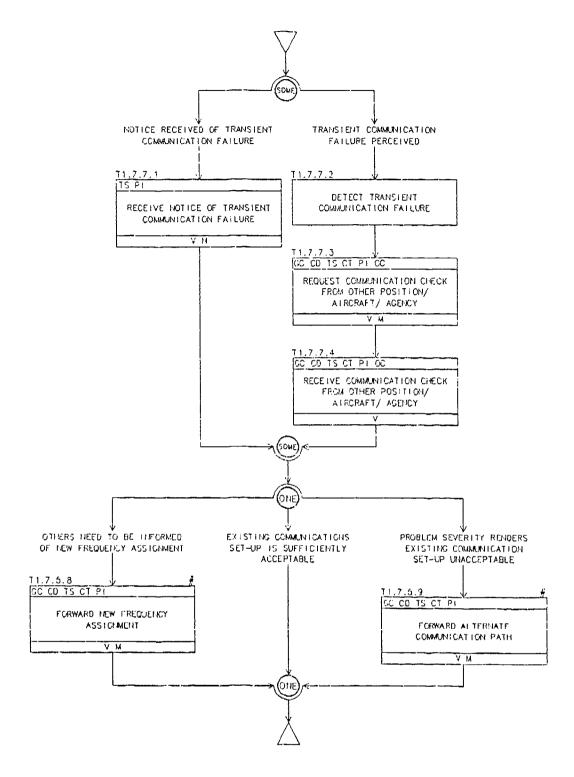


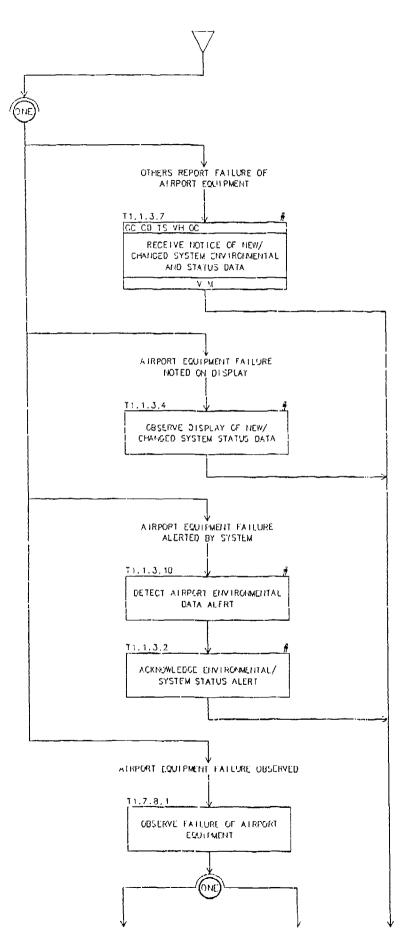
The state of the s



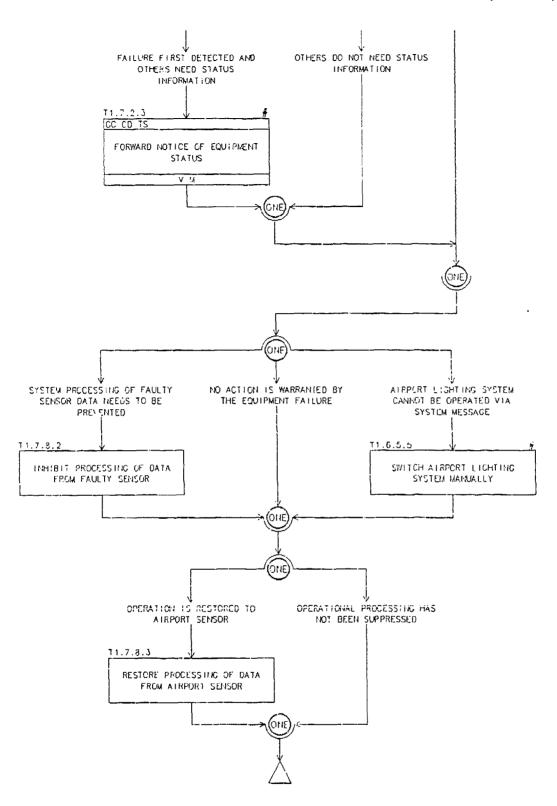


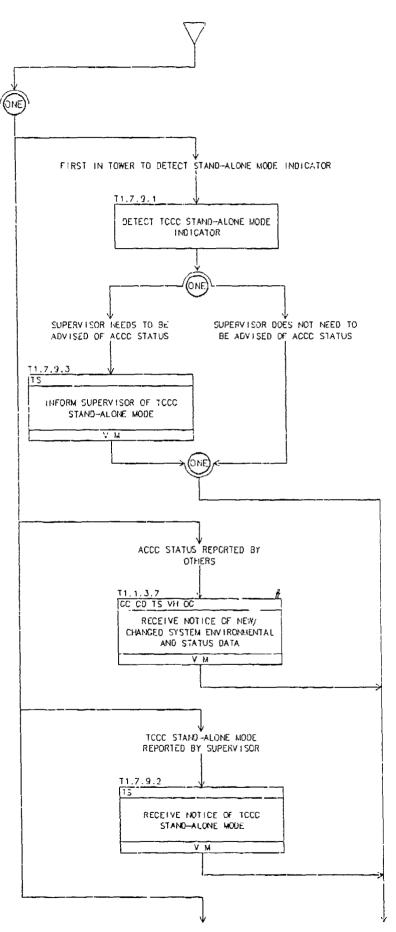
T1.7.7 RESPONDING TO TRANSIENT COMMUNICATION FAILURES



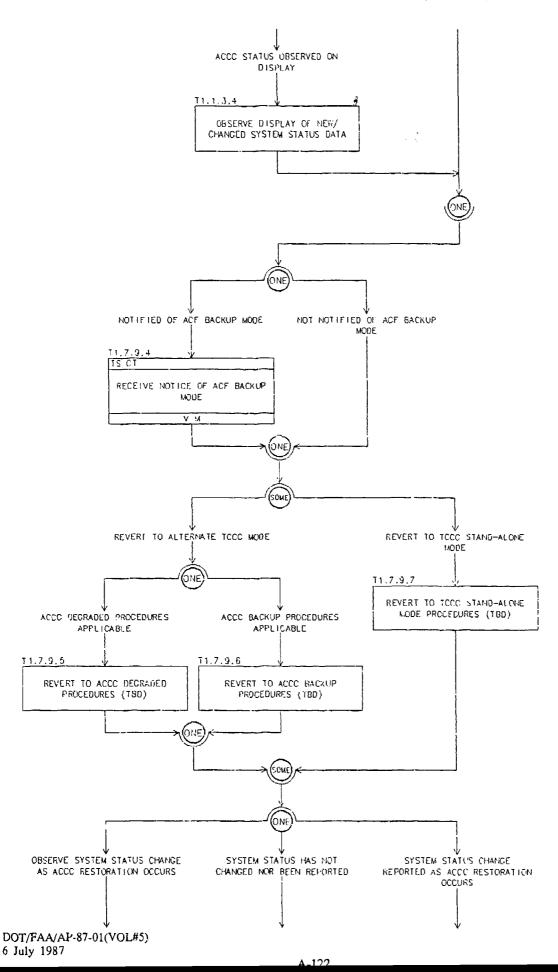


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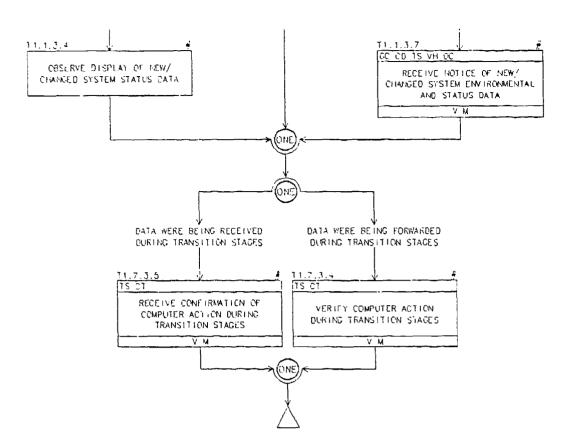


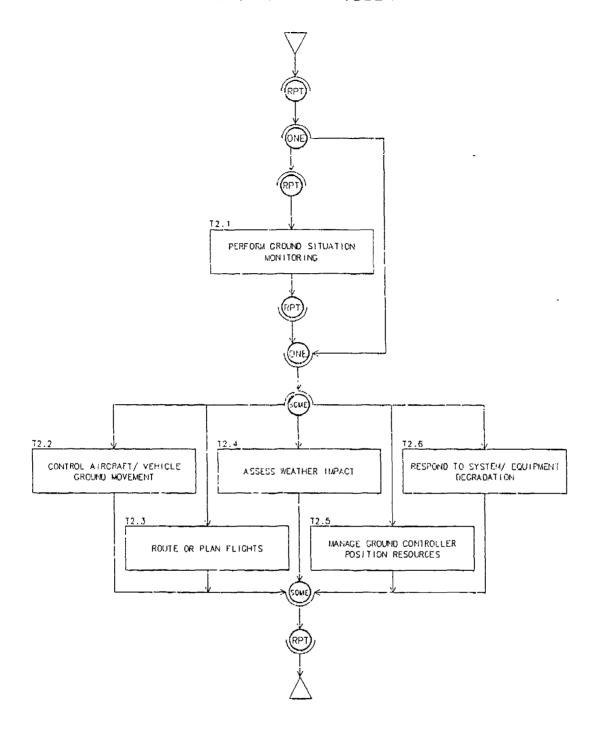


T1.7.9 RESPONDING TO ACCC FAILURES (cont.)

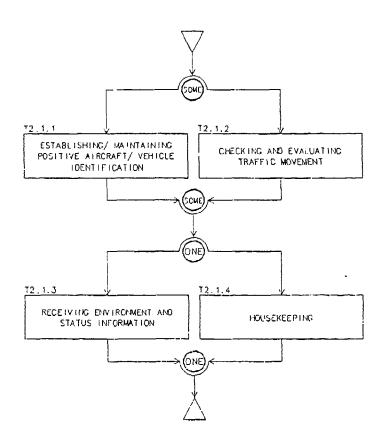


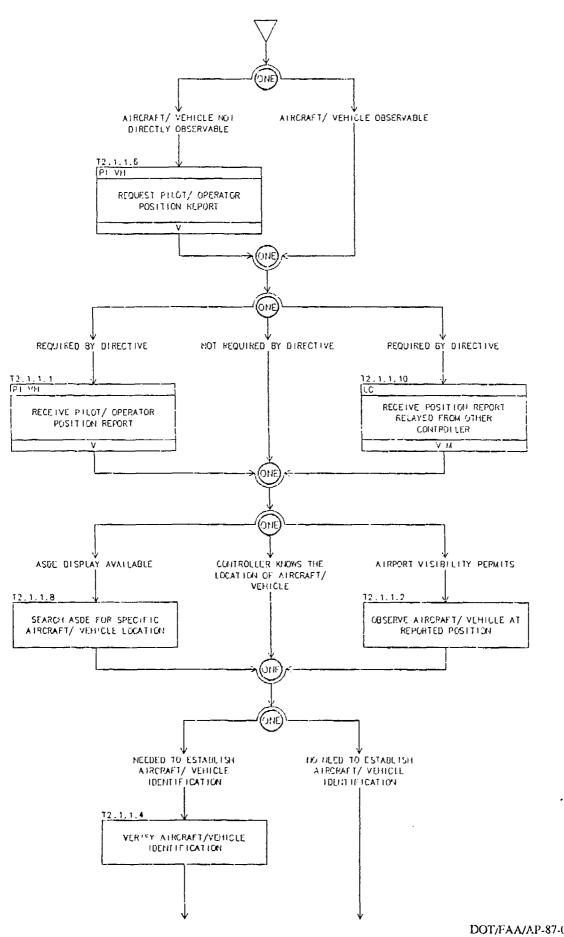
T1.7.9 RESPONDING TO ACCC FAILURES (cont.)

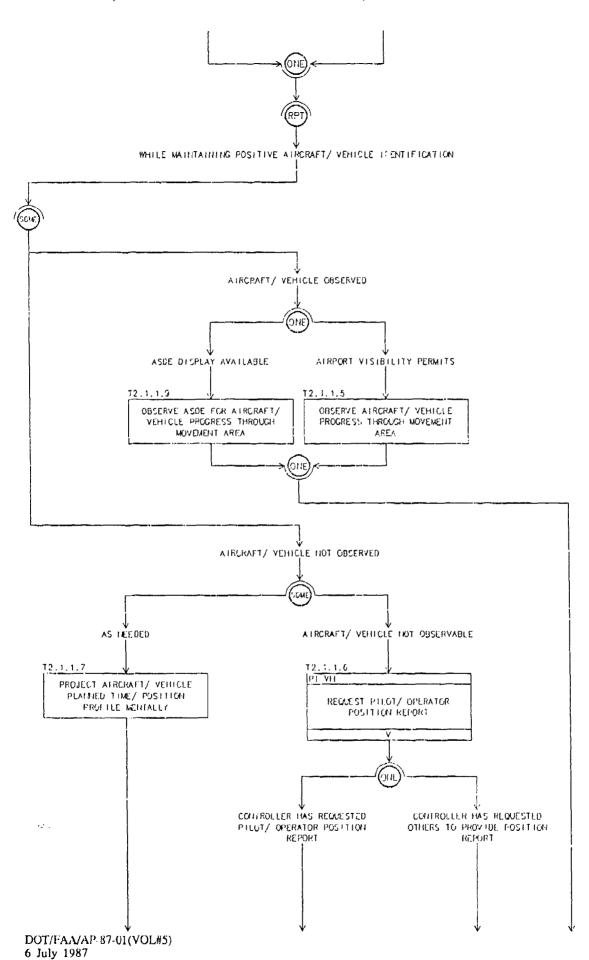


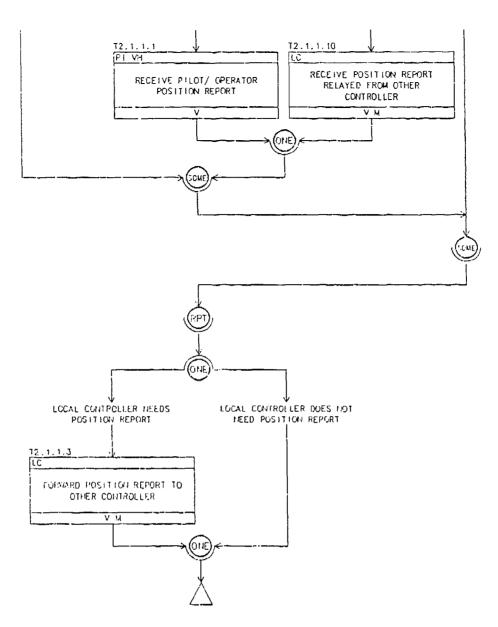


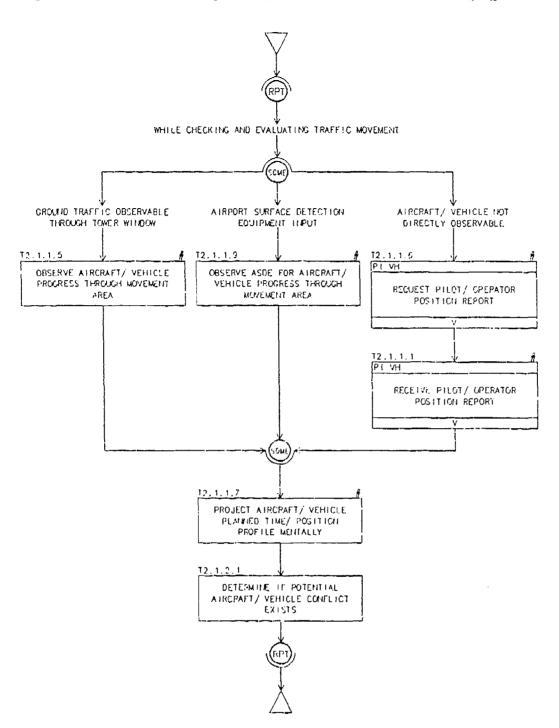
T2.1 PERFORM GROUND SITUATION MONITORING

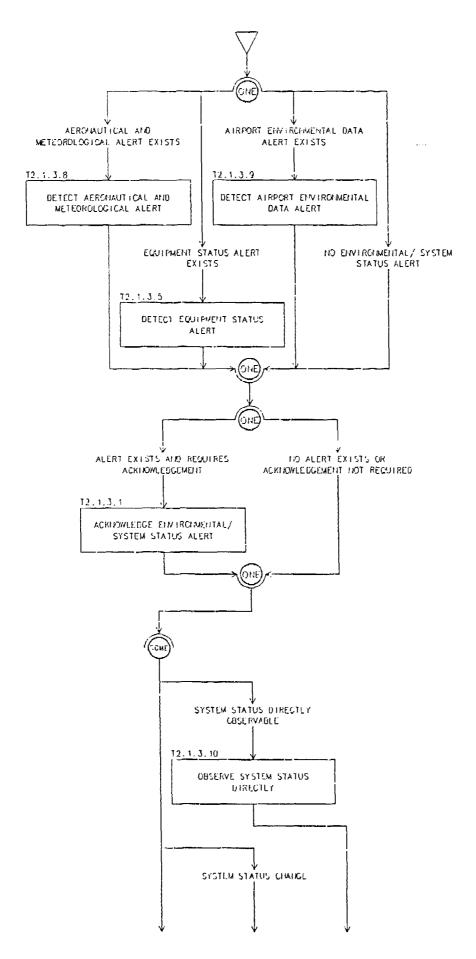


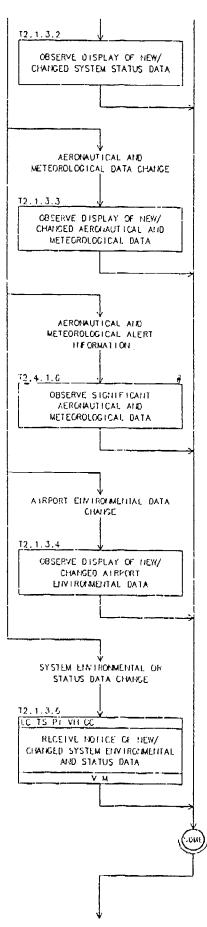


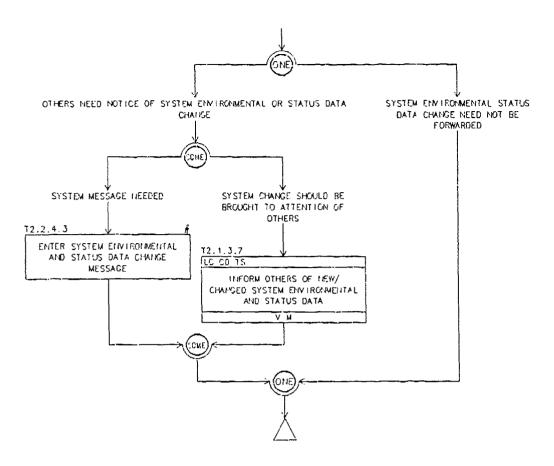


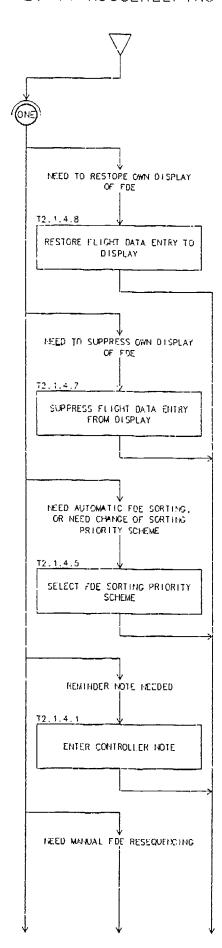




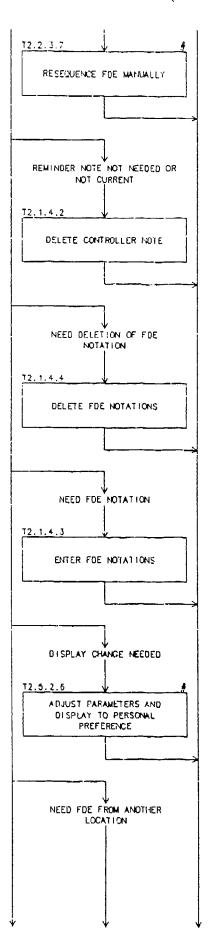


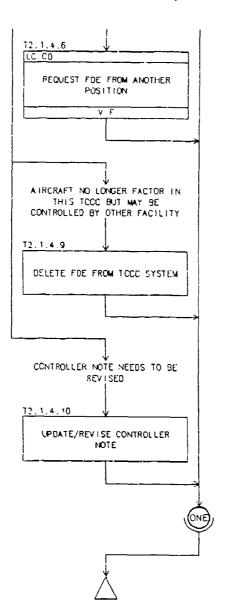


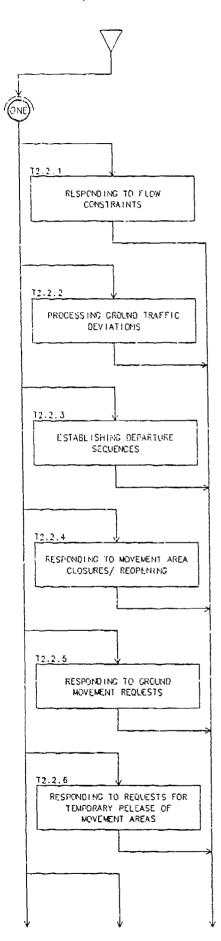




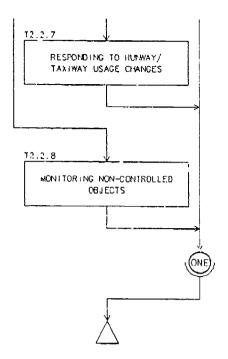
12.1.4 HOUSEKEEPING (CONT.)

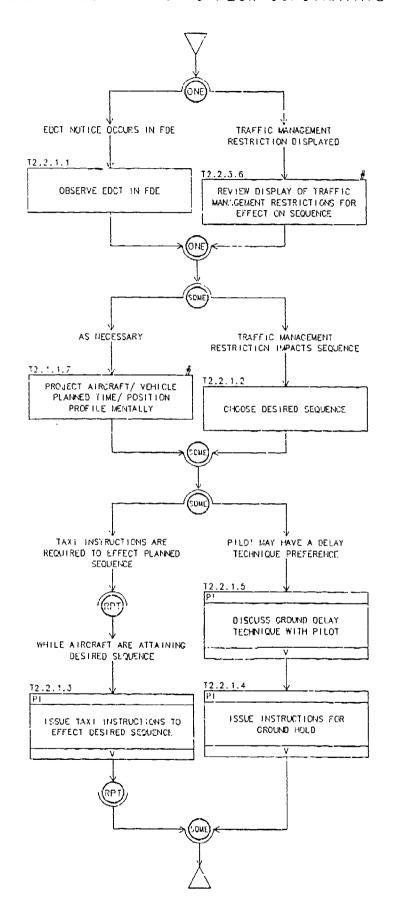


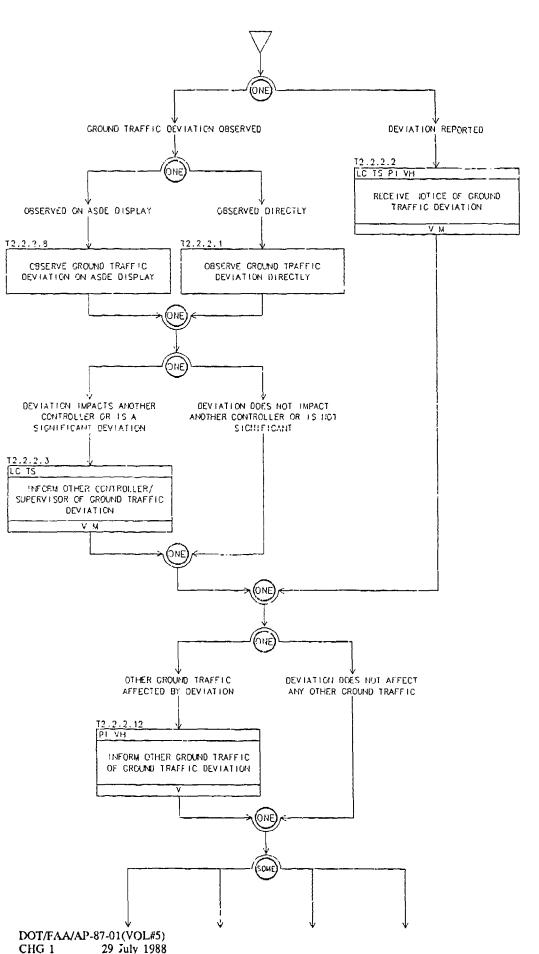


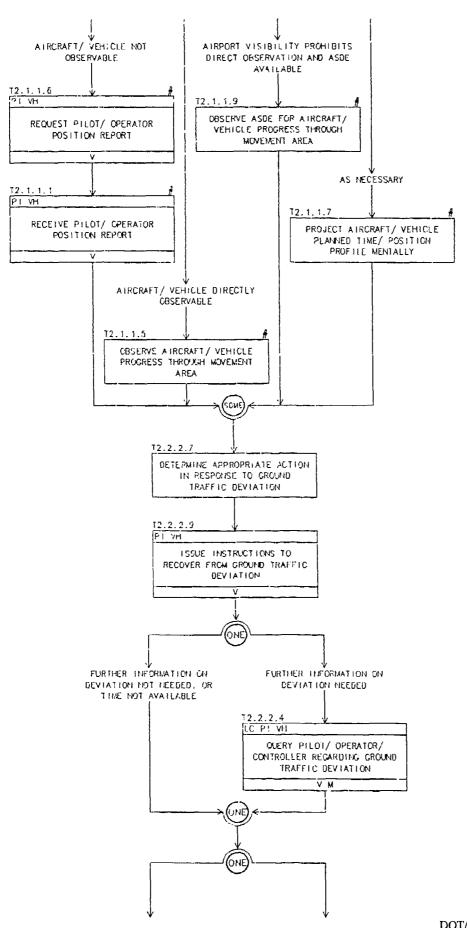


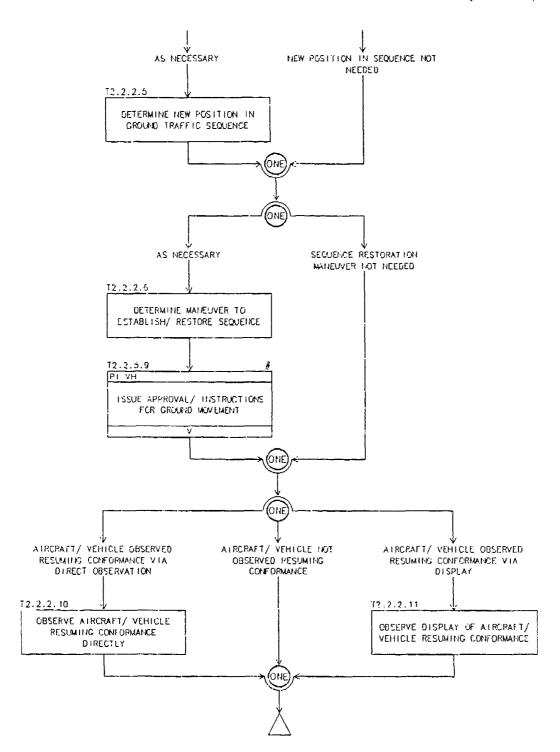
T2.2 CONTROL AIRCRAFT/ VEHICLE GROUND MOVEMENT (cont.)

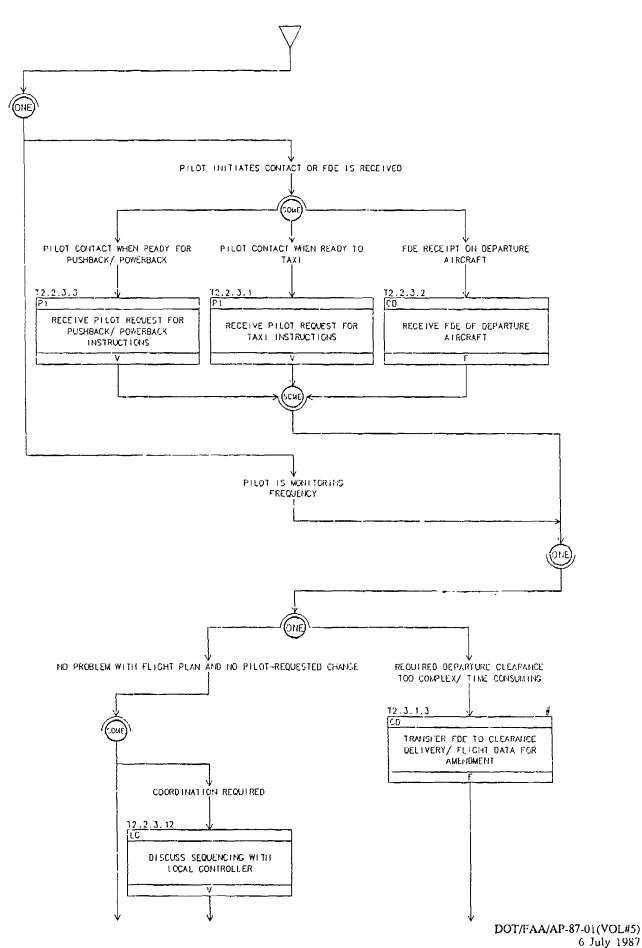


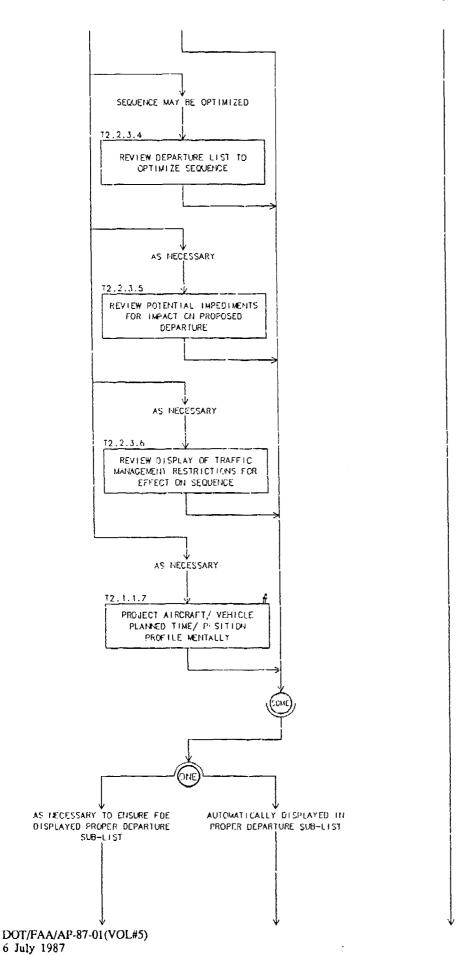


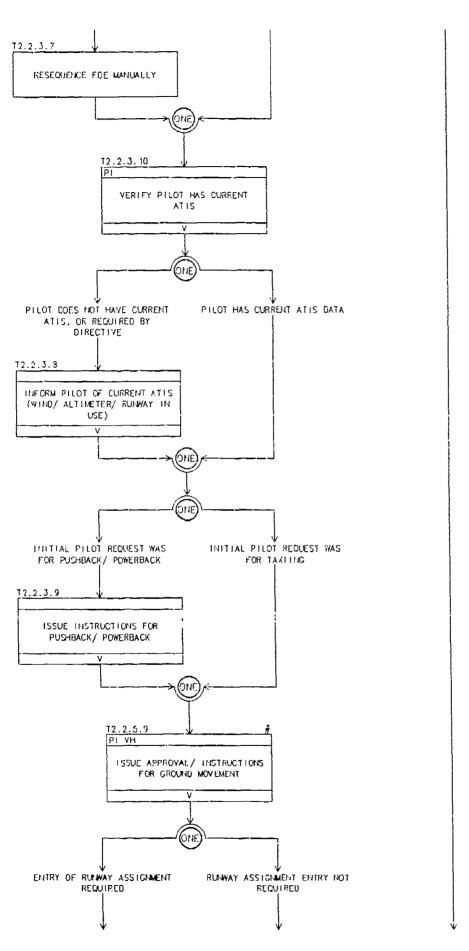




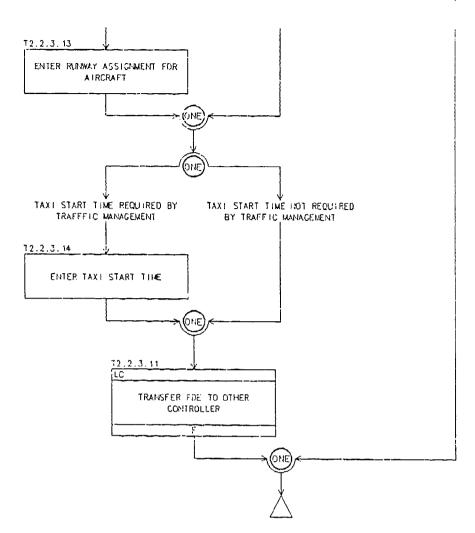


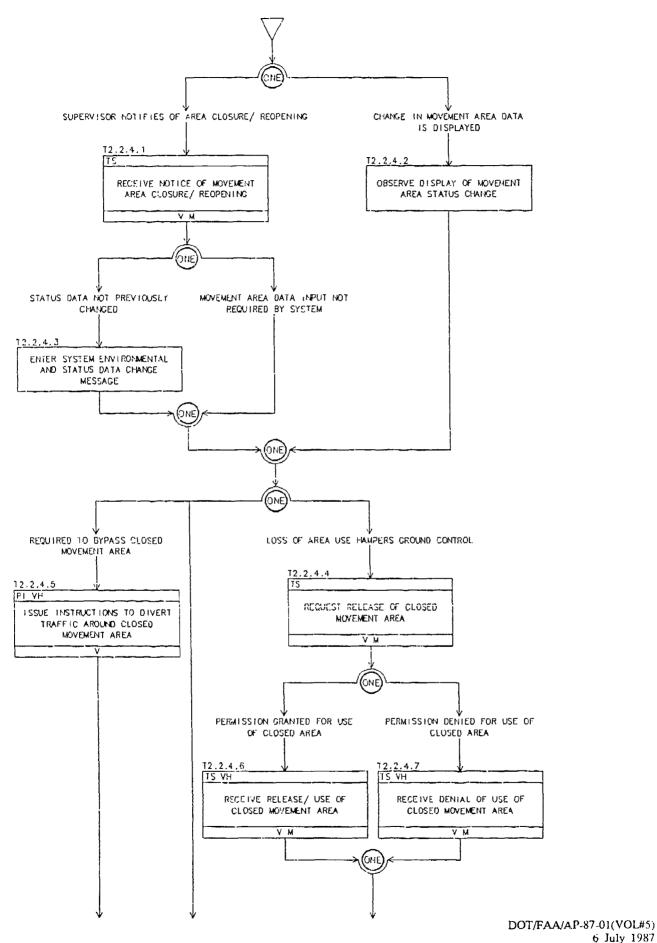






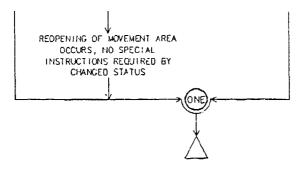
T2.2.3 ESTABLISHING DEPARTURE SEQUENCES (cont.)

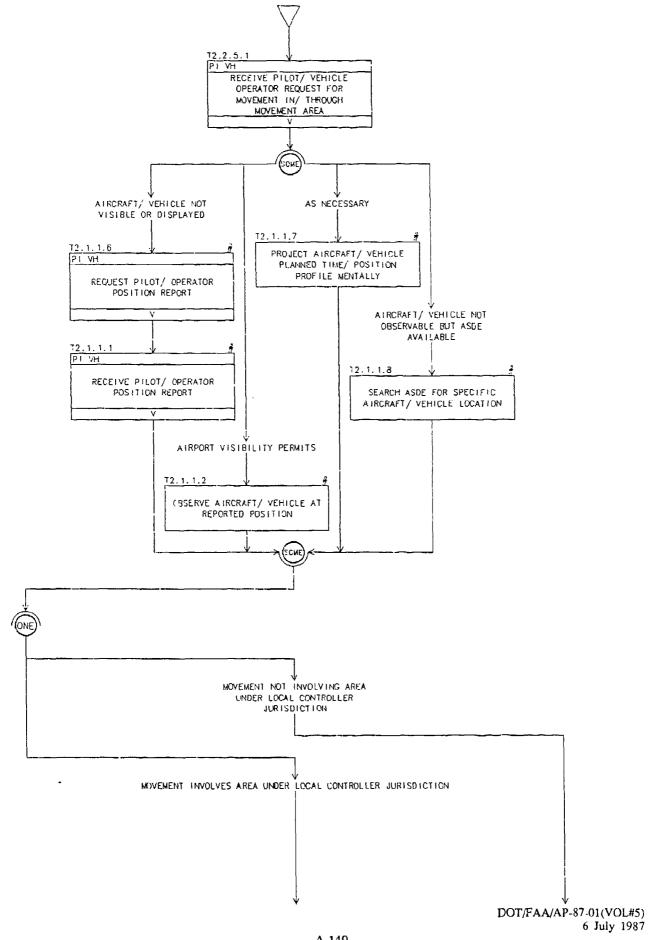


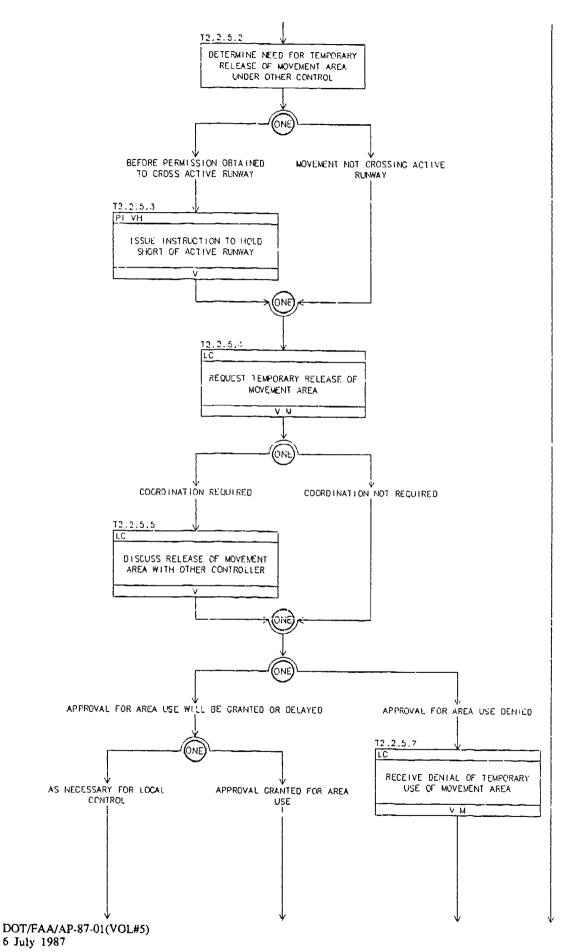


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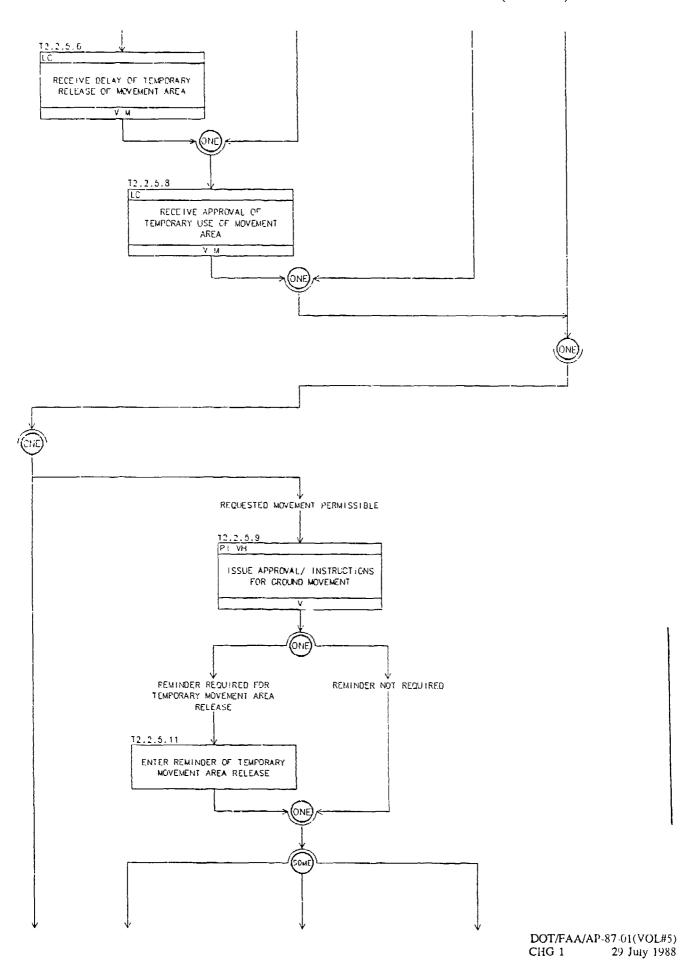
T2.2.4 RESPONDING TO MOVEMENT AREA CLOSURES/ REOPENING (cont.)

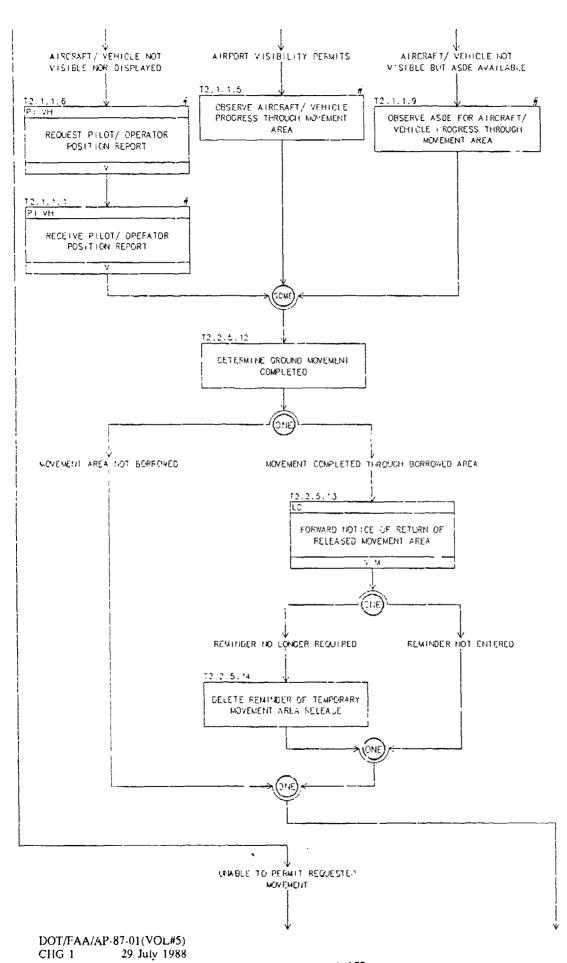




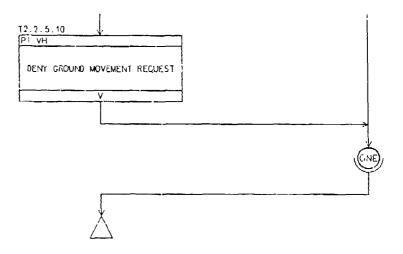


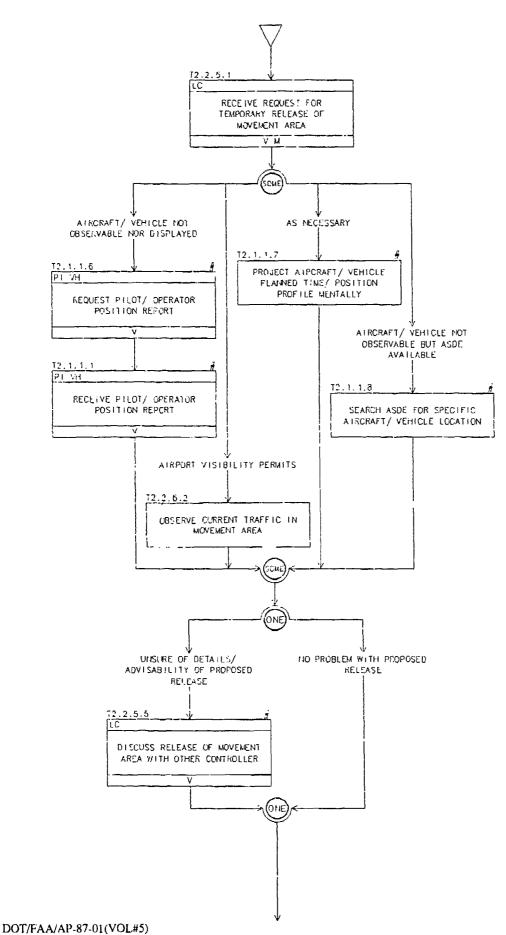
T2.2.5 RESPONDING TO GROUND MOVEMENT REQUESTS (cont.)

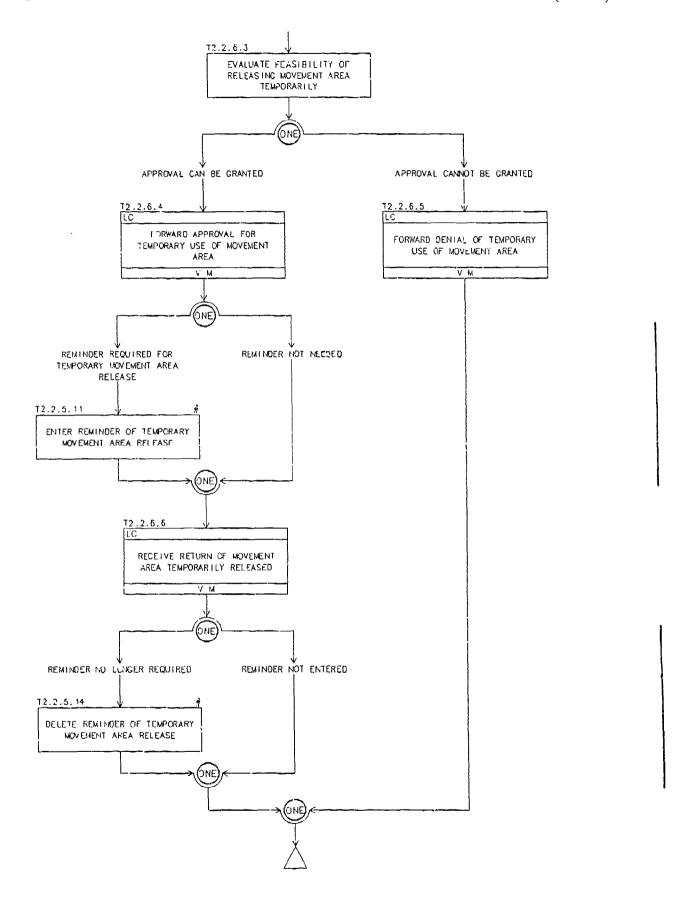


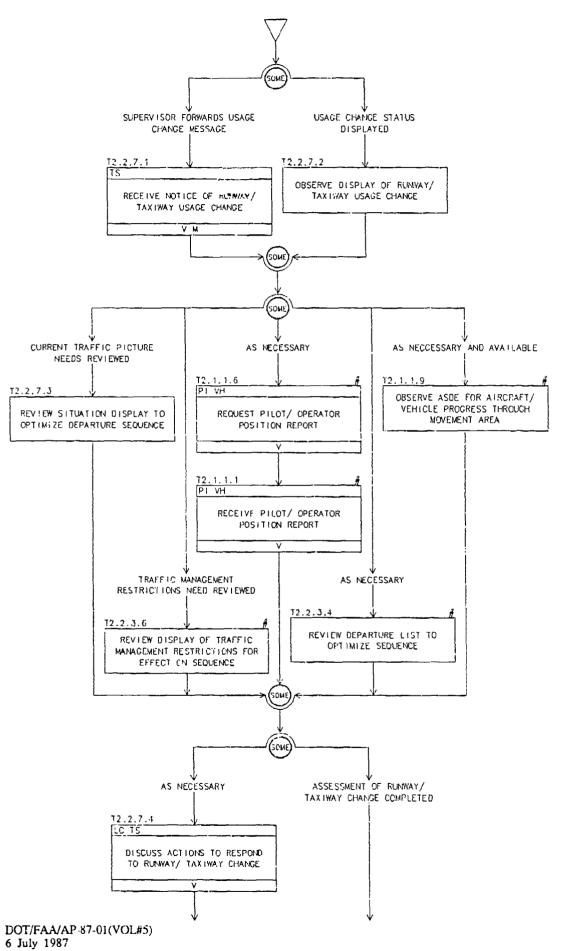


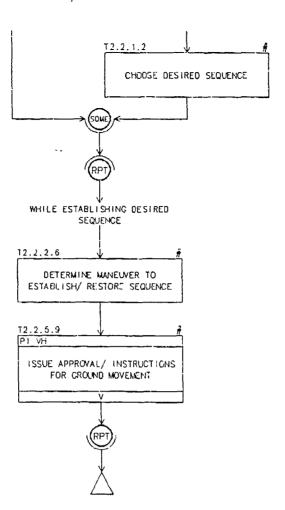
T2.2.5 RESPONDING TO GROUND MOVEMENT REQUESTS (cont.)

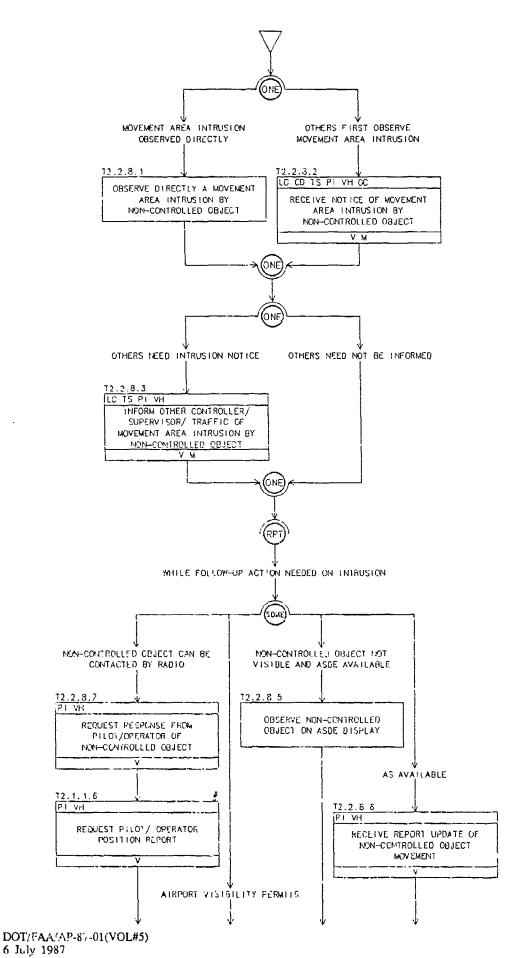


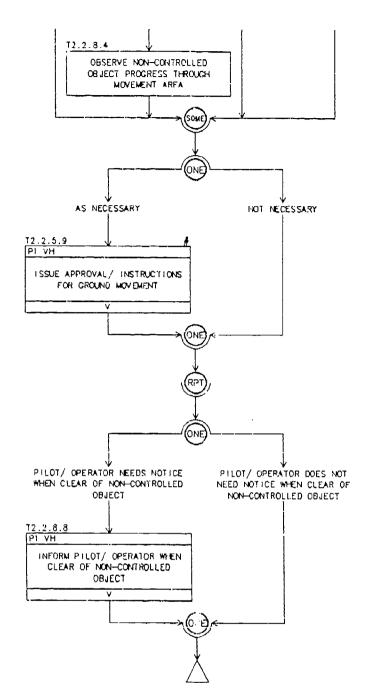




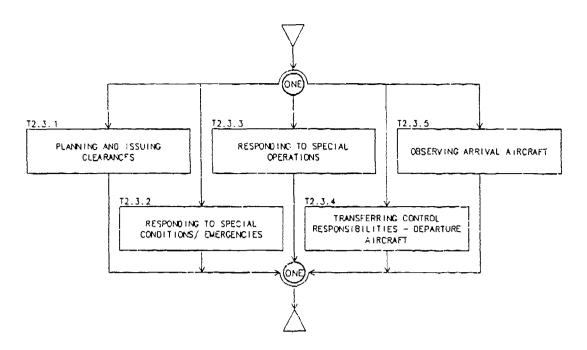


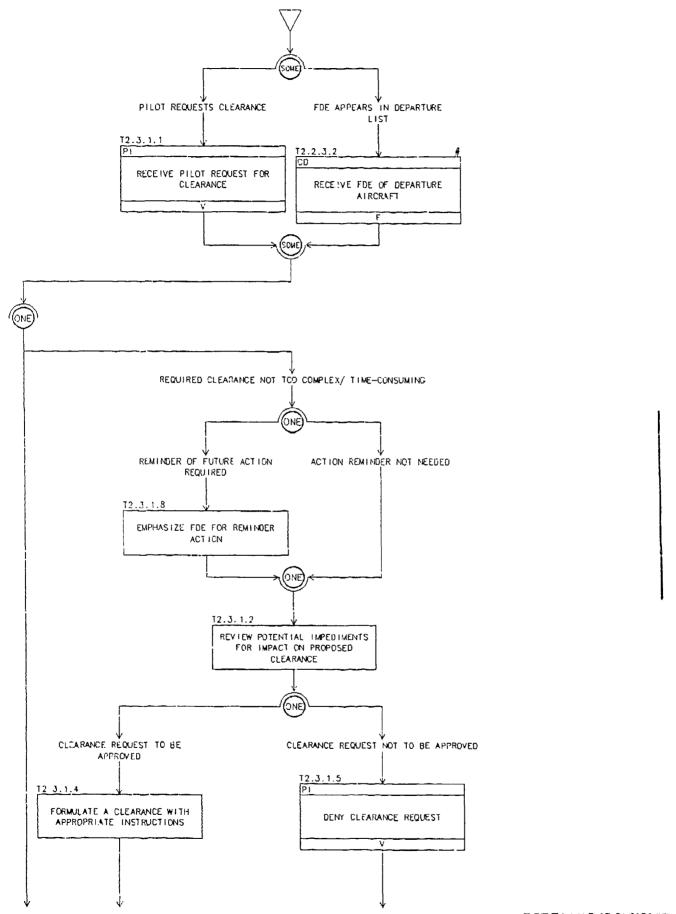




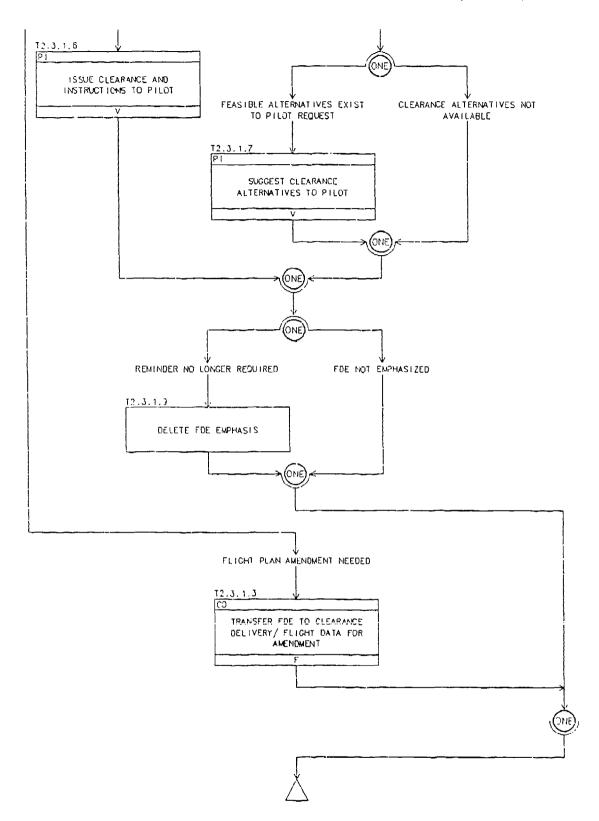


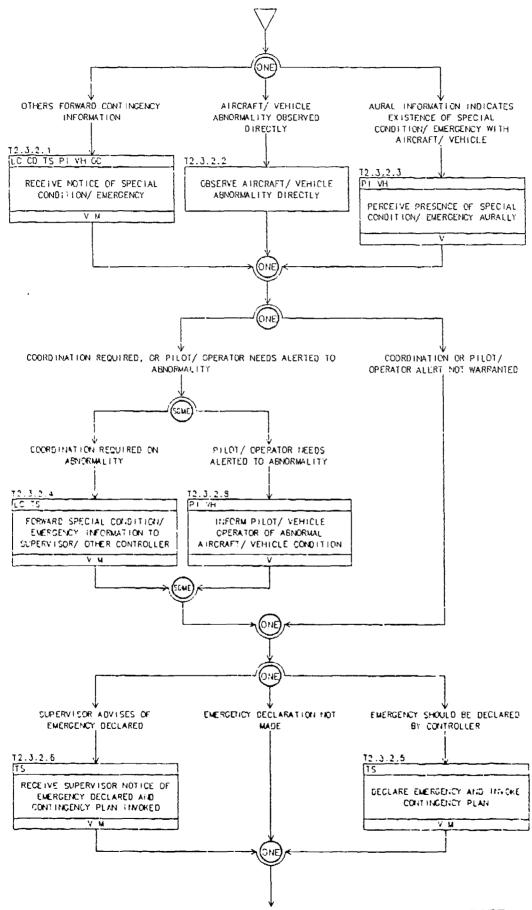
T2.3 ROUTE OR PLAN FLIGHTS



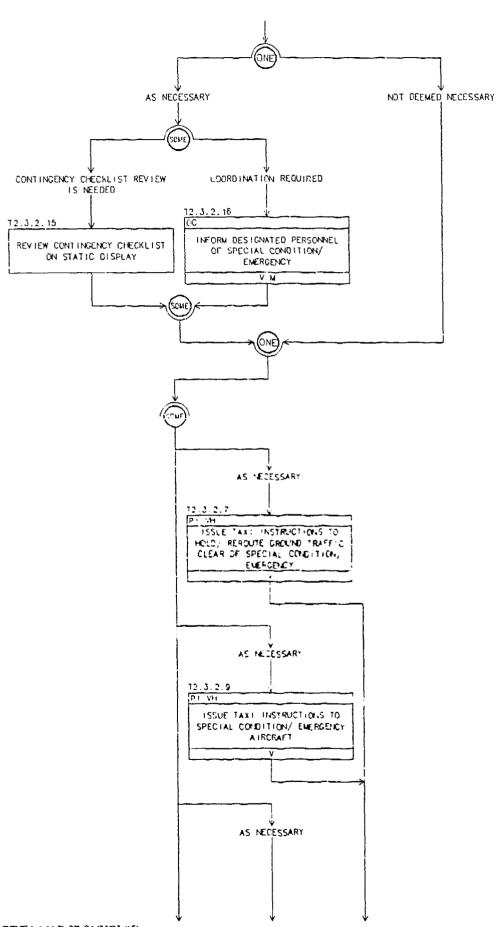


T2.3.1 PLANNING AND ISSUING CLEARANCES (cont.)

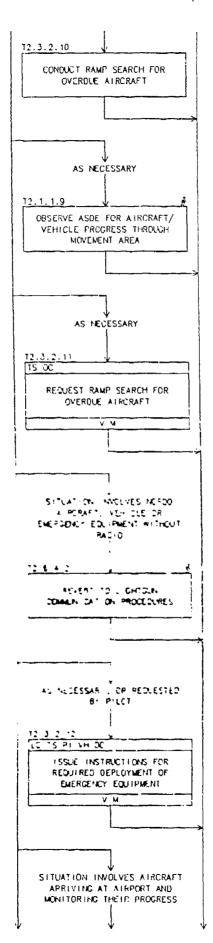


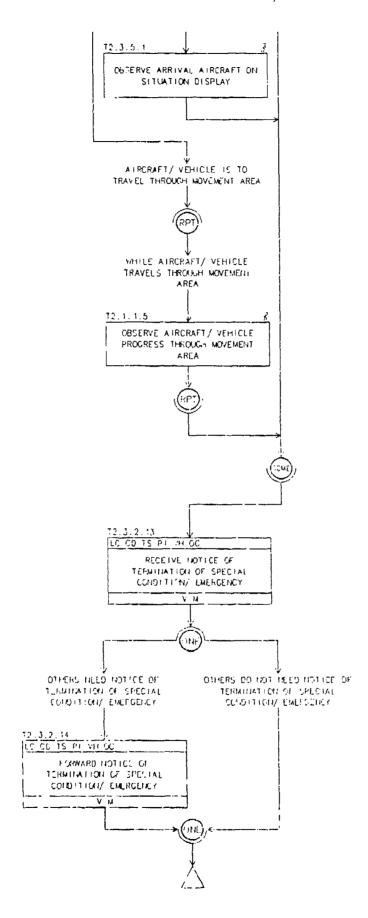


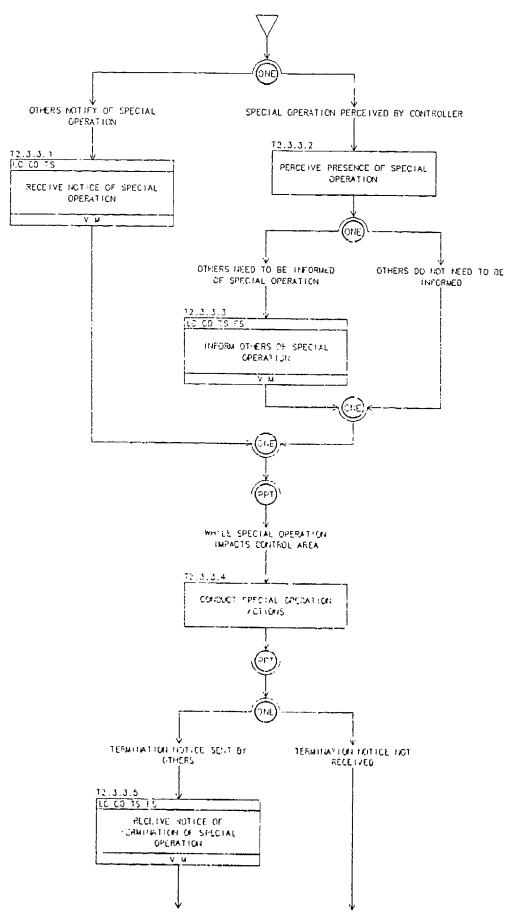
T2.3.2 RESPONDING TO SPECIAL CONDITIONS/ EMERGENCIES (cont.)



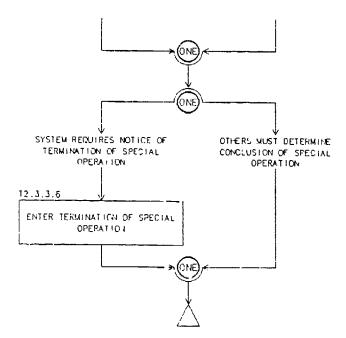
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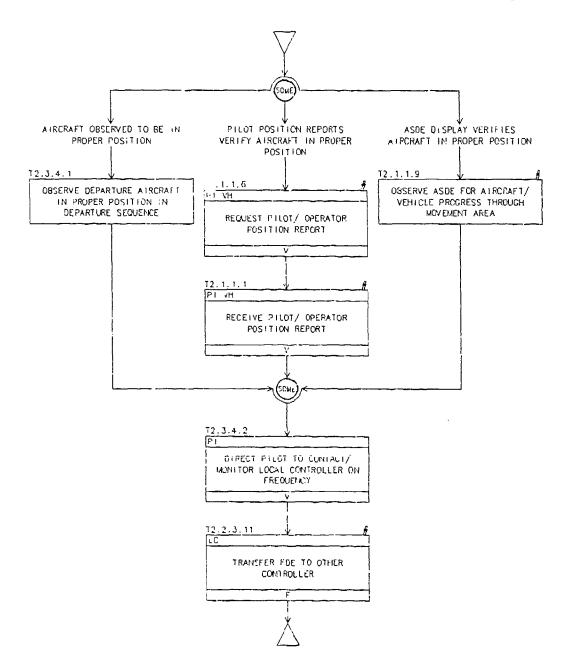




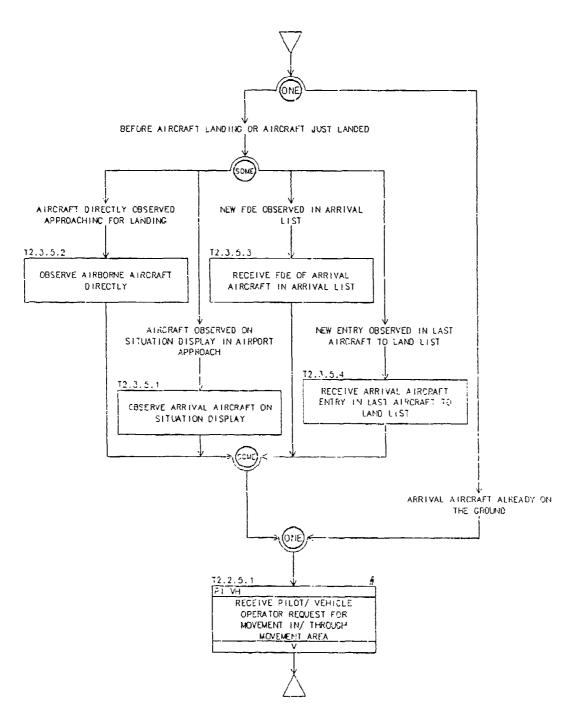


T2.3.3 RESPONDING TO SPECIAL OPERATIONS (cont.)



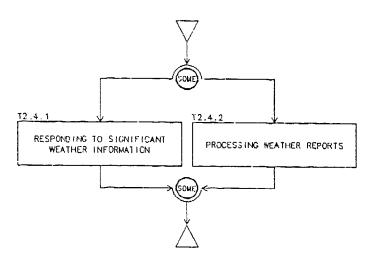


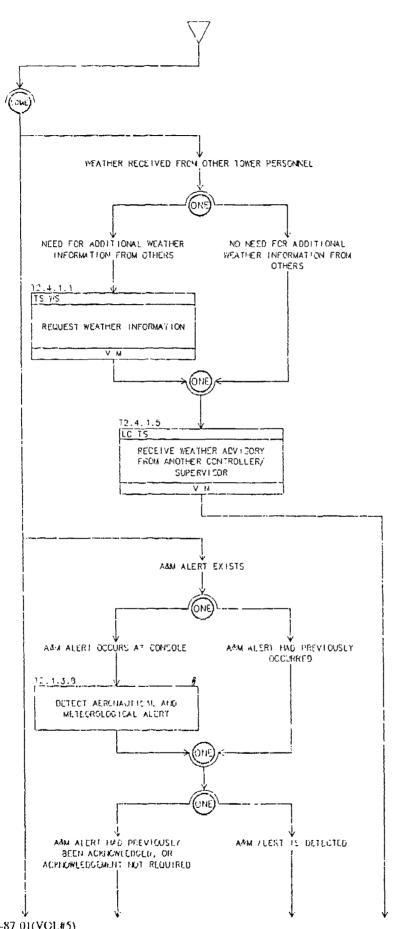
T2.3.5 OBSERVING ARRIVAL AIRCRAFT

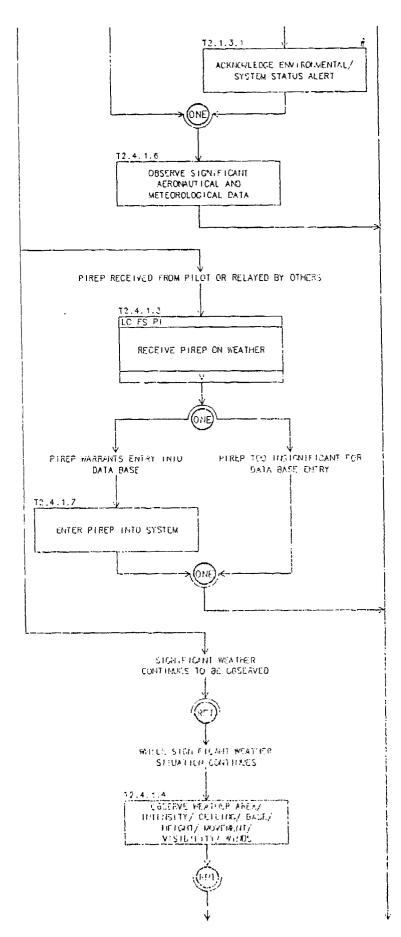




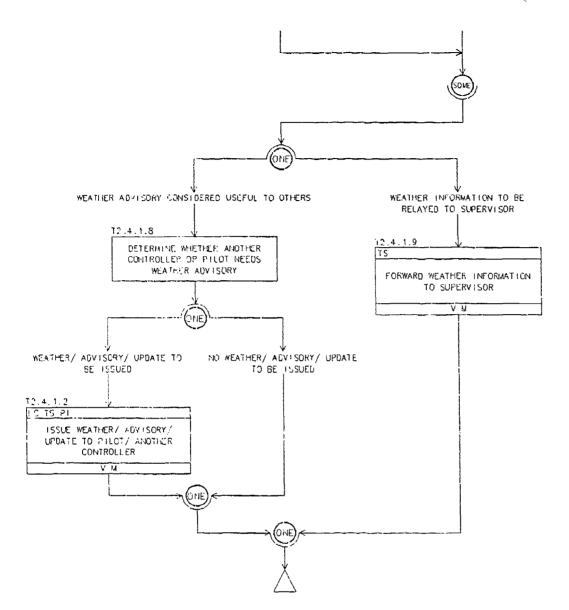
T2.4 ASSESS WEATHER IMPACT

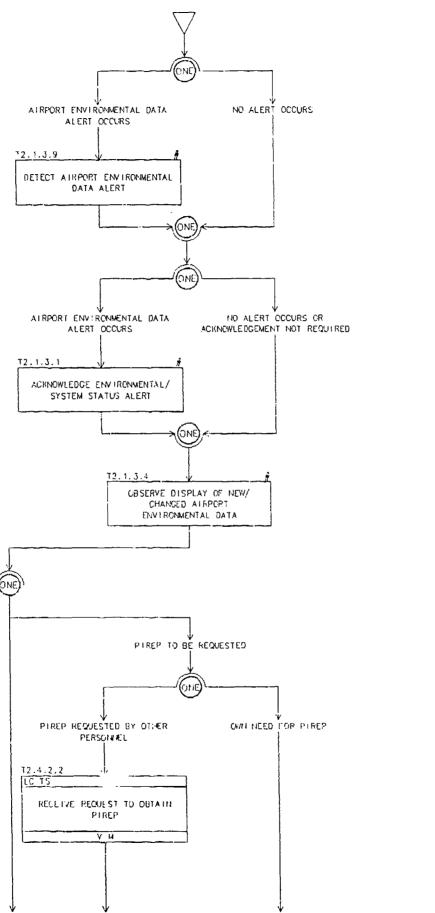




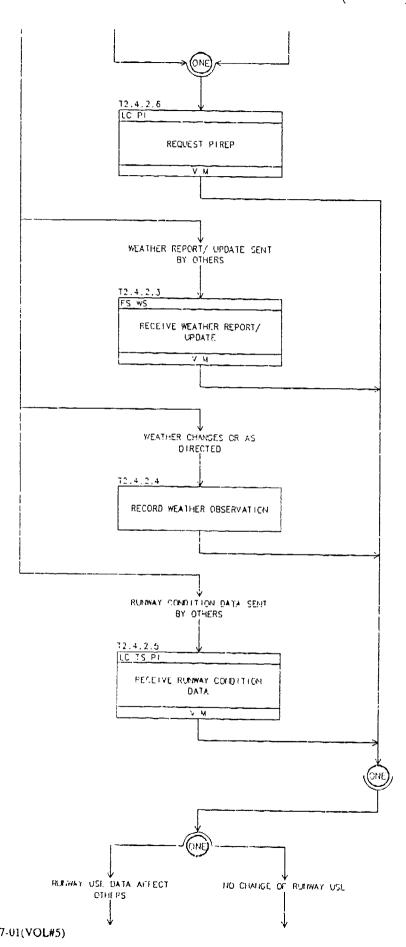


T2.4.1 RESPONDING TO SIGNIFICANT WEATHER INFORMATION (cont.)



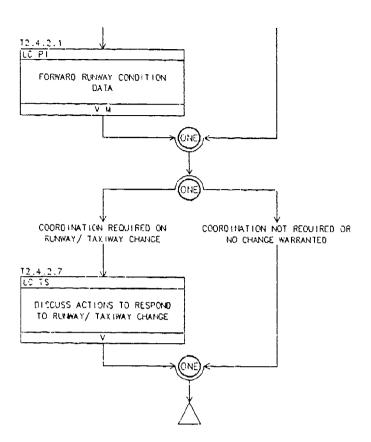


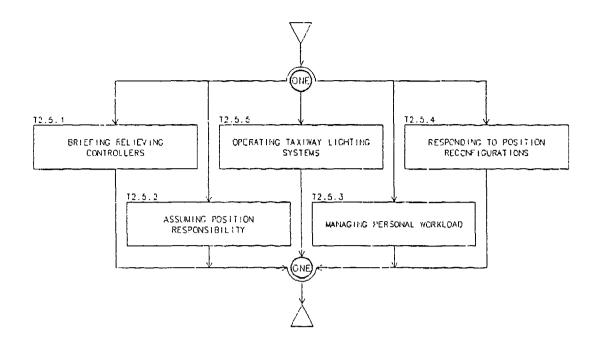
T2.4.2 PROCESSING WEATHER REPORTS (cont.)

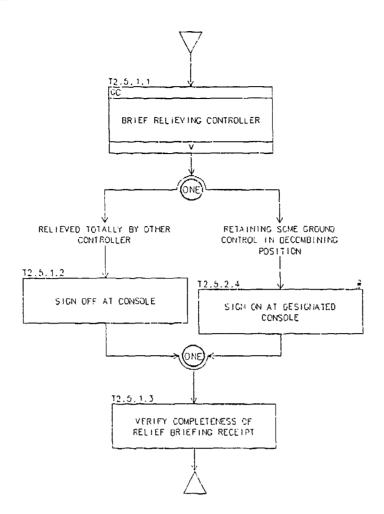


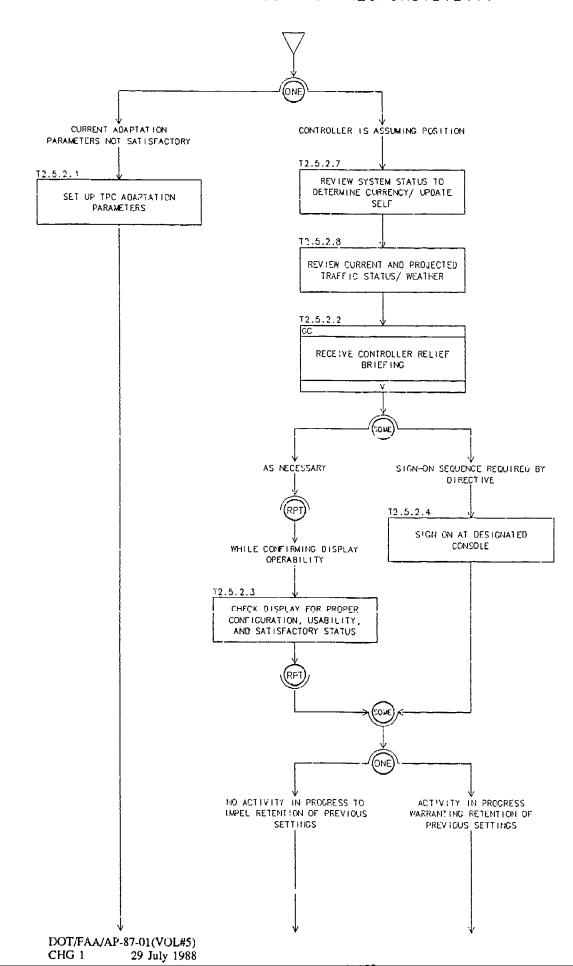
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T2.4.2 PROCESSING WEATHER REPORTS (cont.)

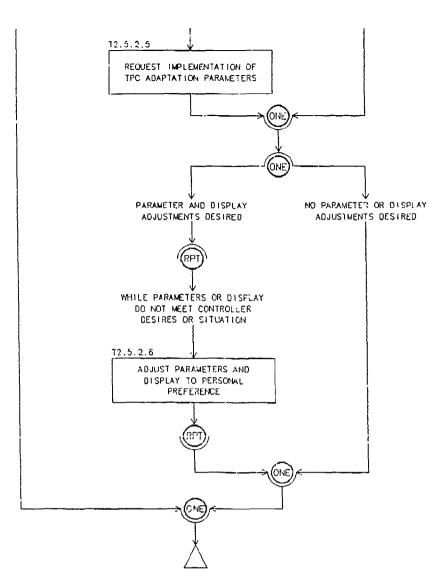


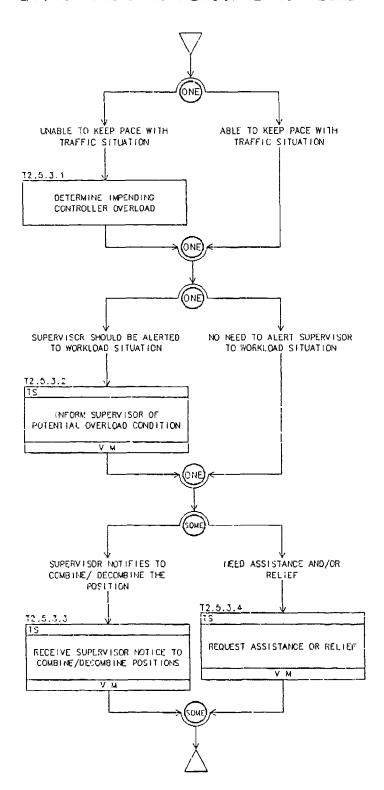


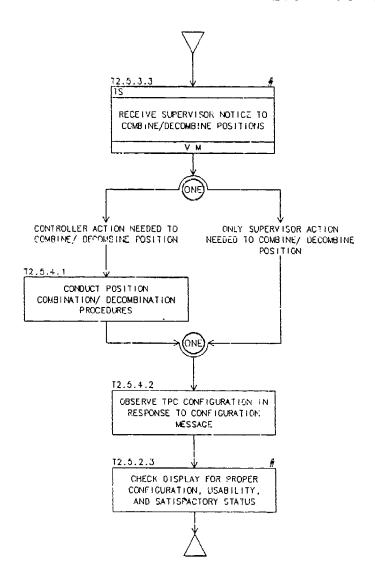


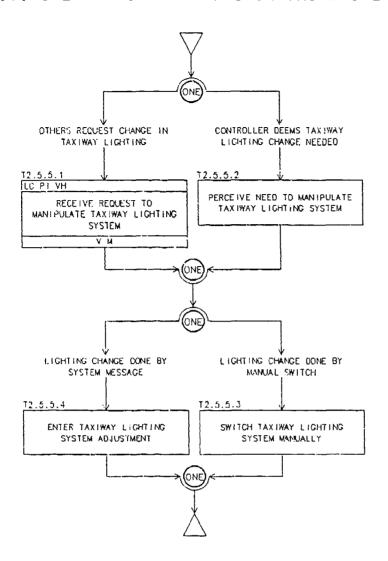


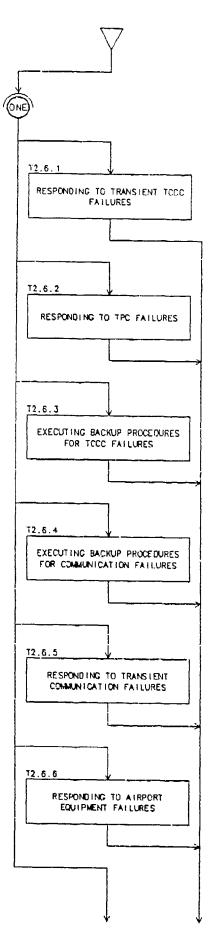
T2.5.2 ASSUMING POSITION RESPONSIBILITY (cont.)



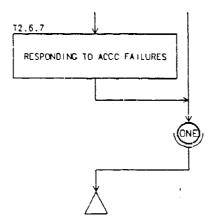


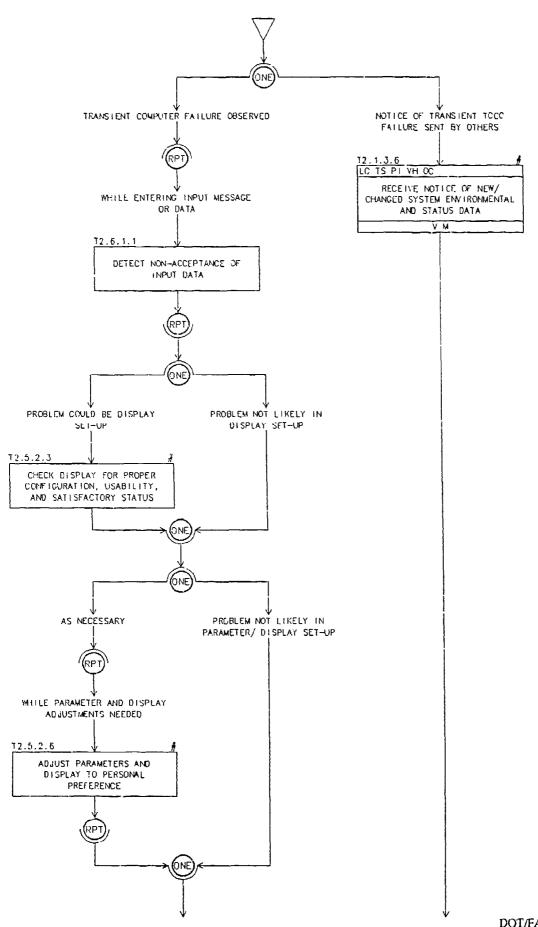




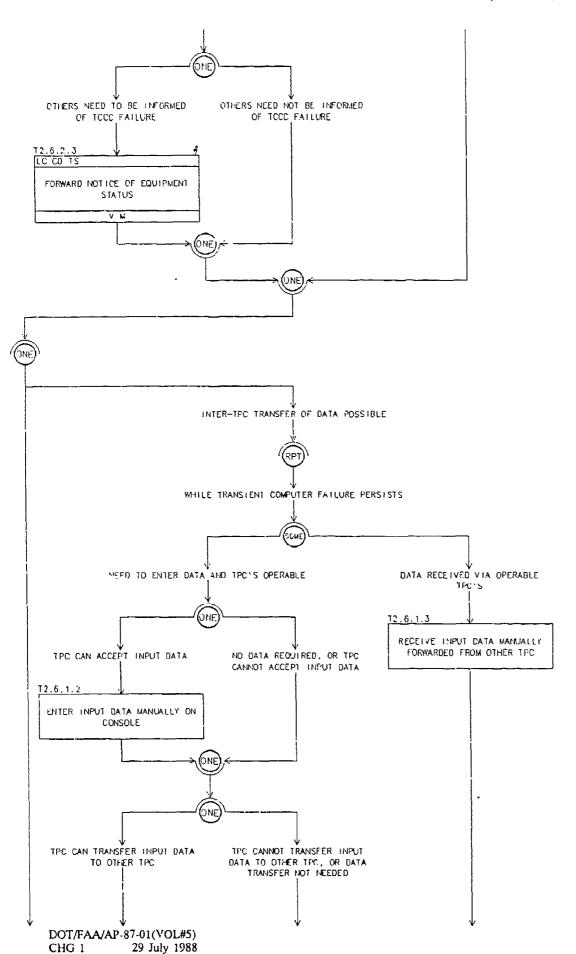


T2.6 RESPOND TO SYSTEM/ EQUIPMENT DEGRADATION (cont.)

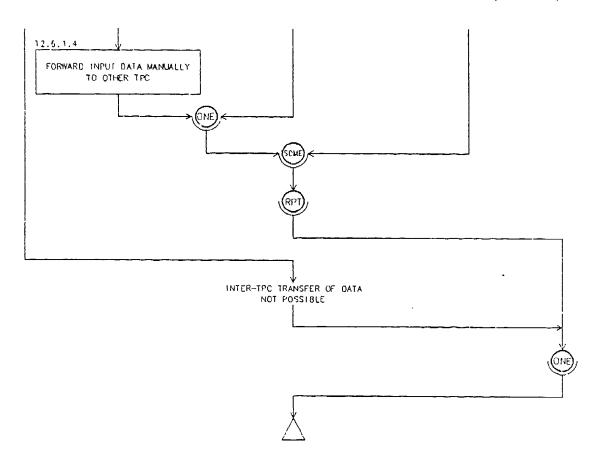


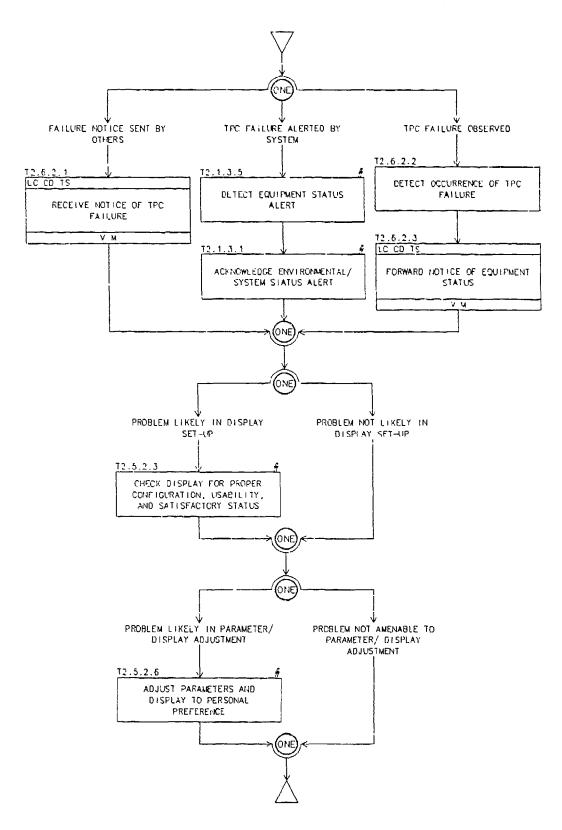


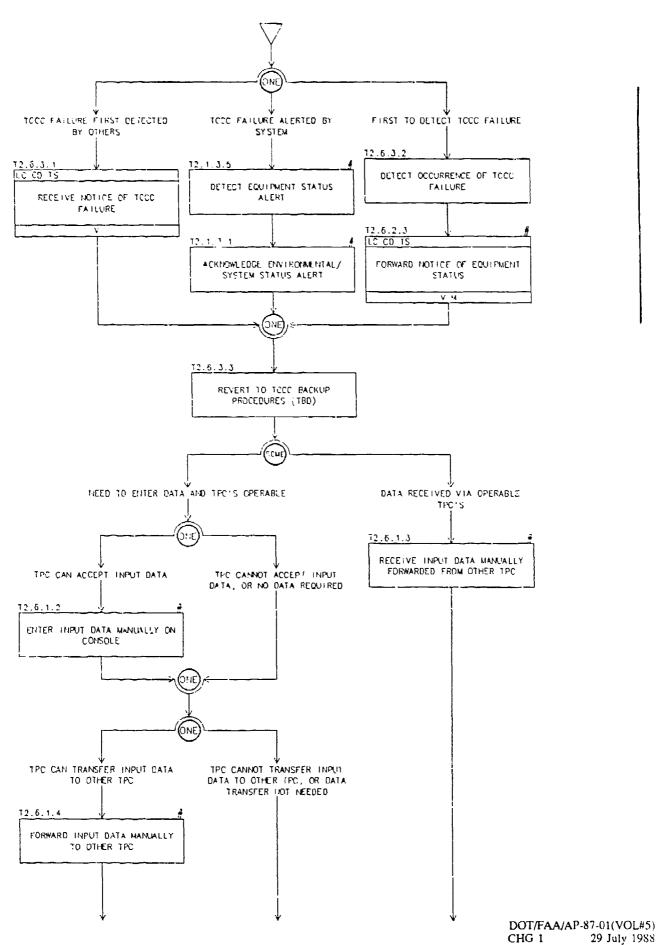
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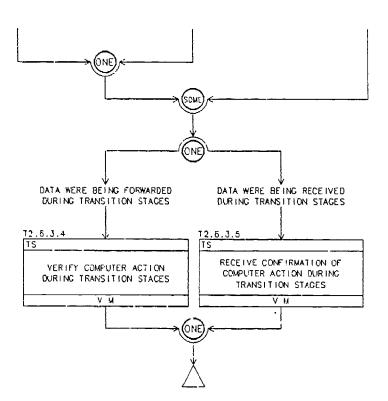


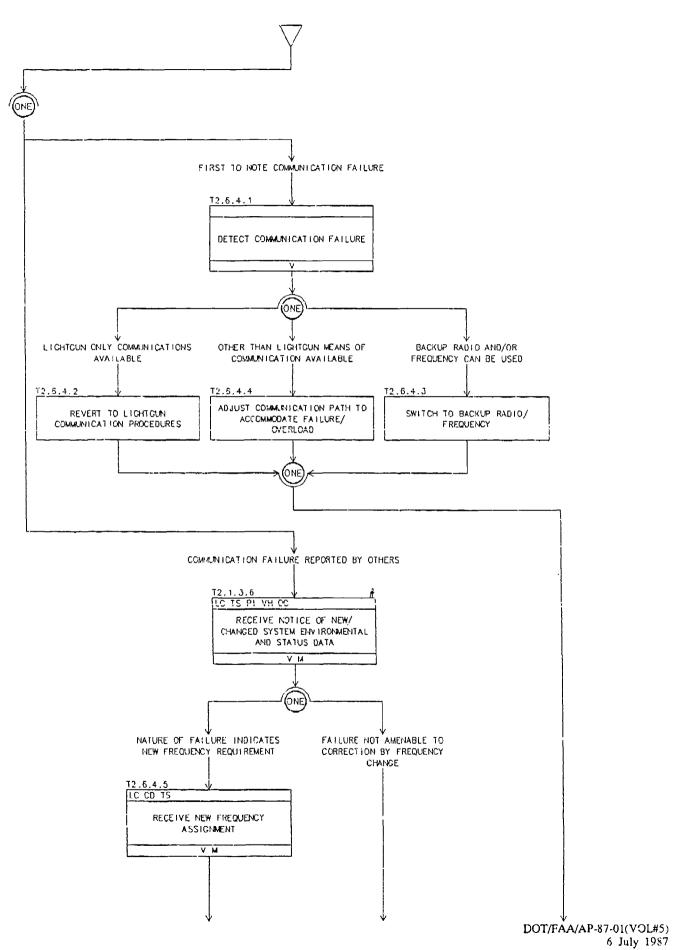
T2.6.1 RESPONDING TO TRANSIENT TOCC FAILURES (cont.)

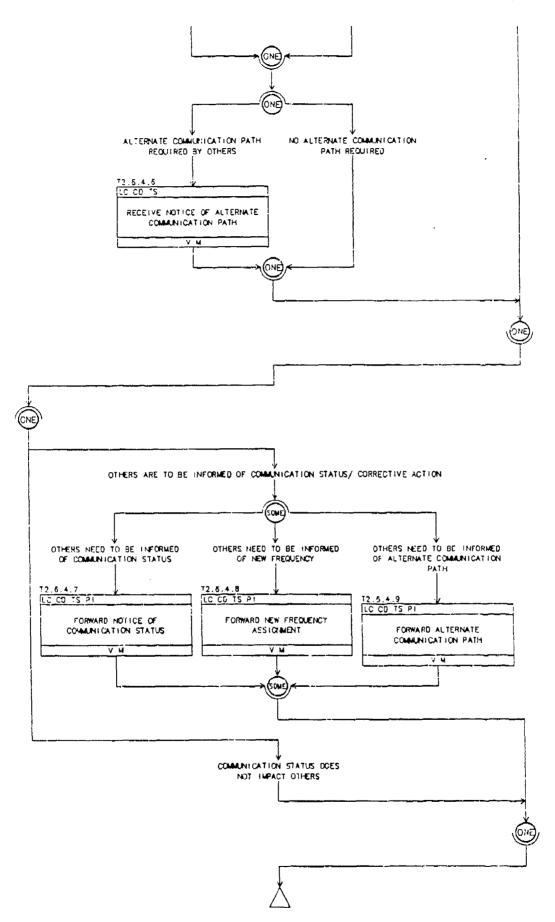


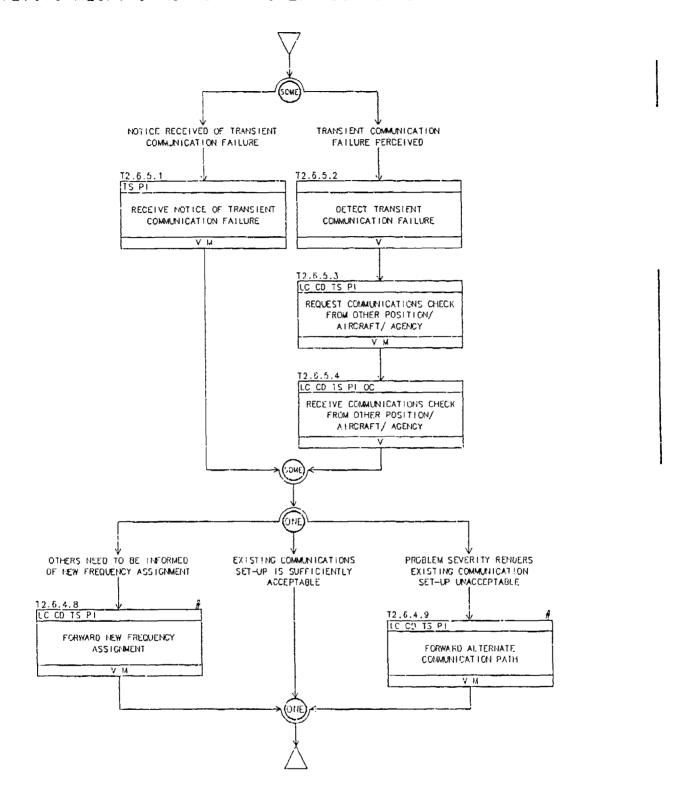


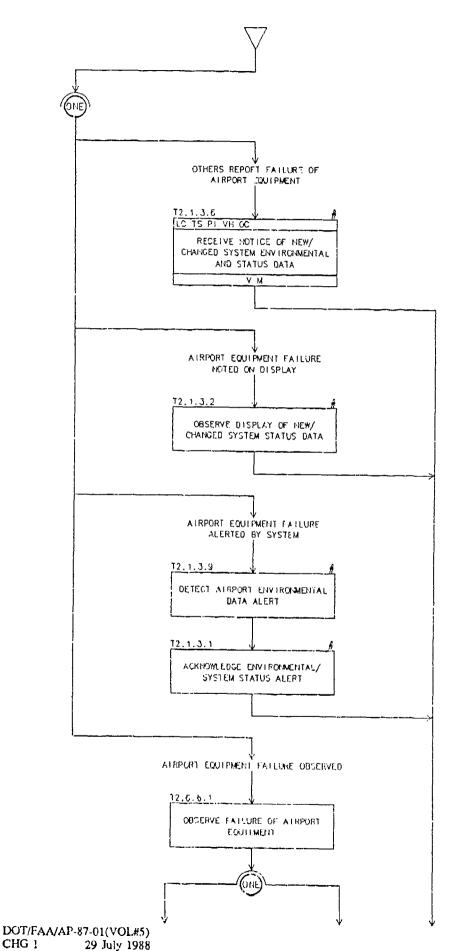








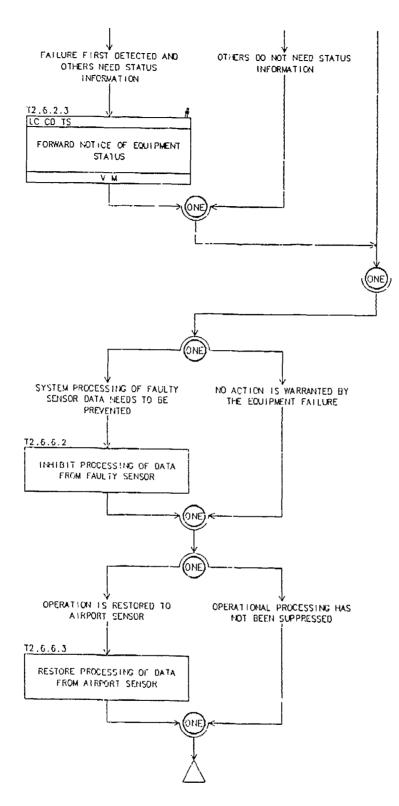


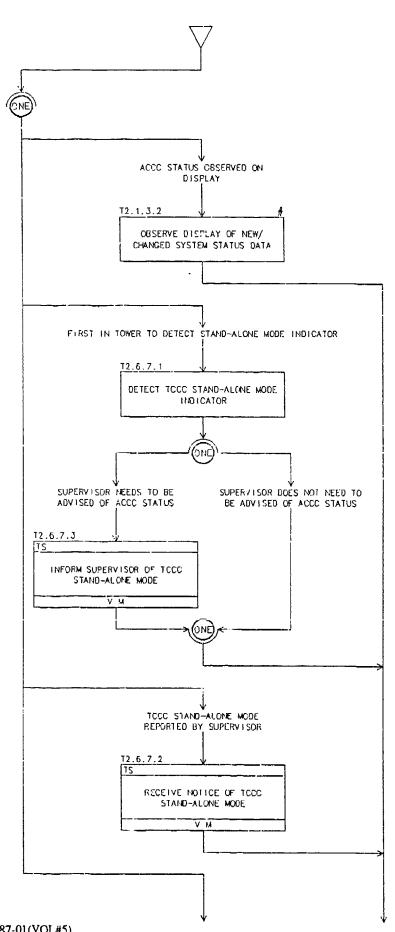


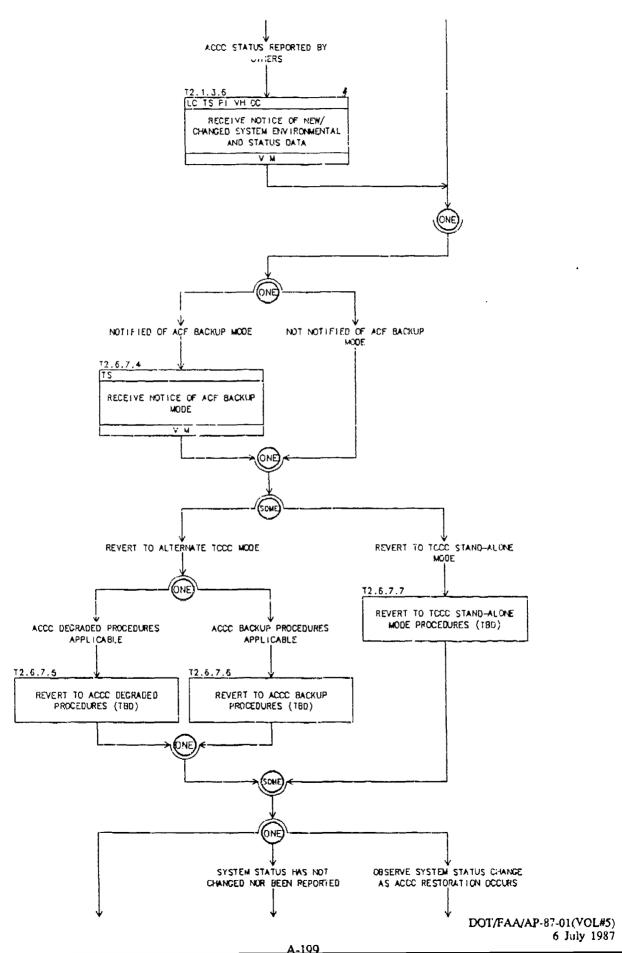
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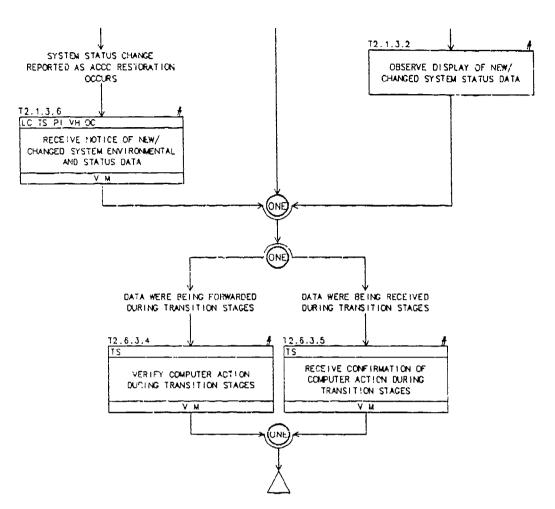
T2.6.6 RESPONDING TO AIRPORT EQUIPMENT FAILURES (cont.)

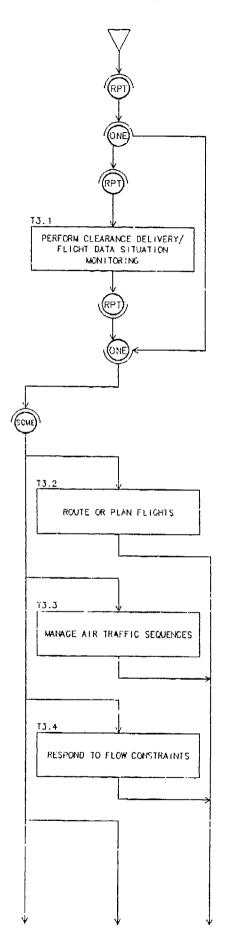




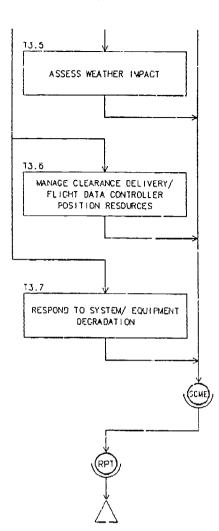


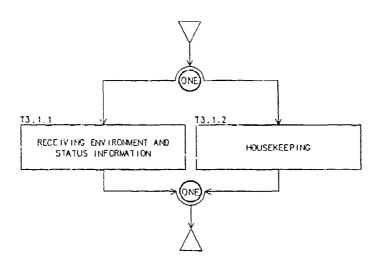
T2.6.7 RESPONDING TO ACCC FAILURES (cont.)

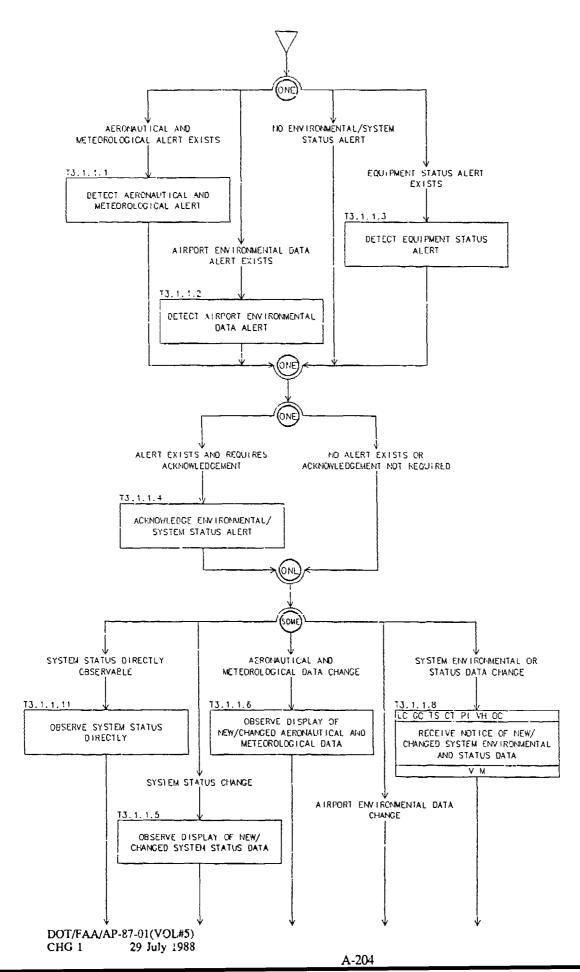




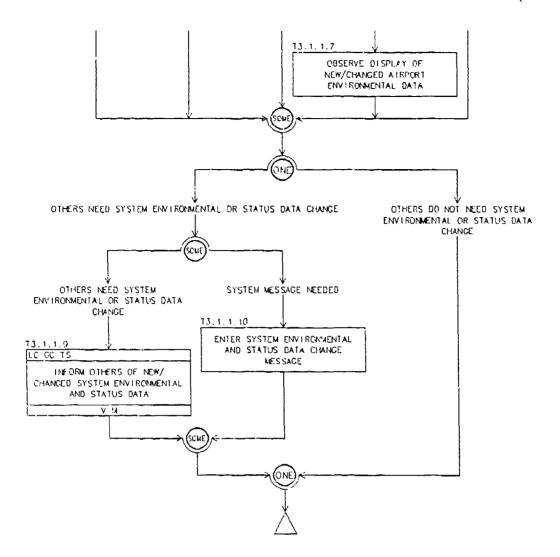
T3 CLEARANCE DELIVERY/ FLIGHT DATA (cont.)

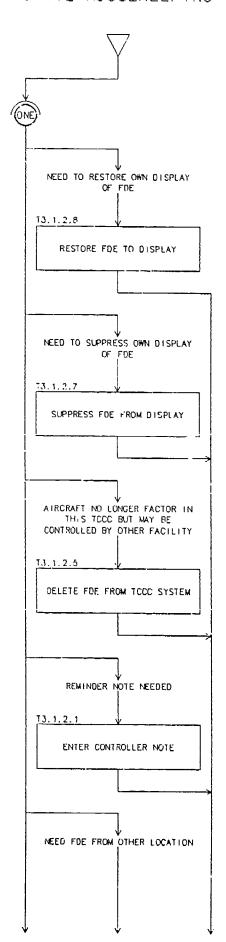




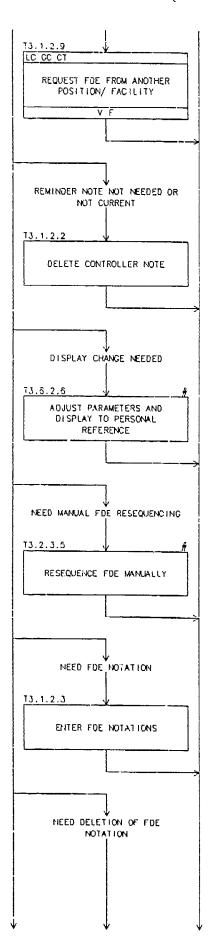


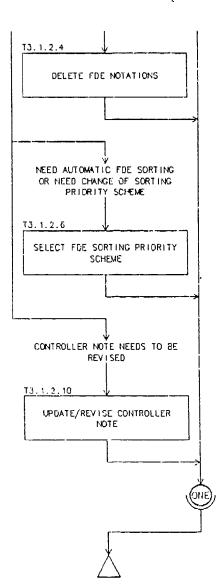
13. 1. 1 RECEIVING FAMIRONMENT AND STATUS INFORMATION (cont.)



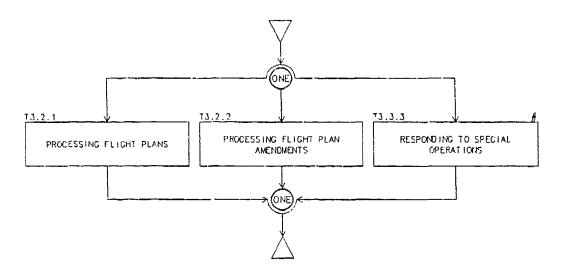


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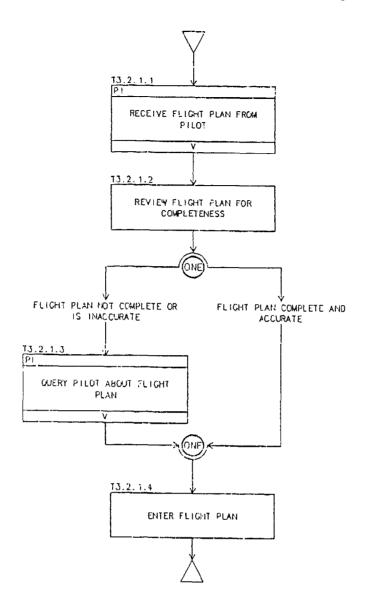


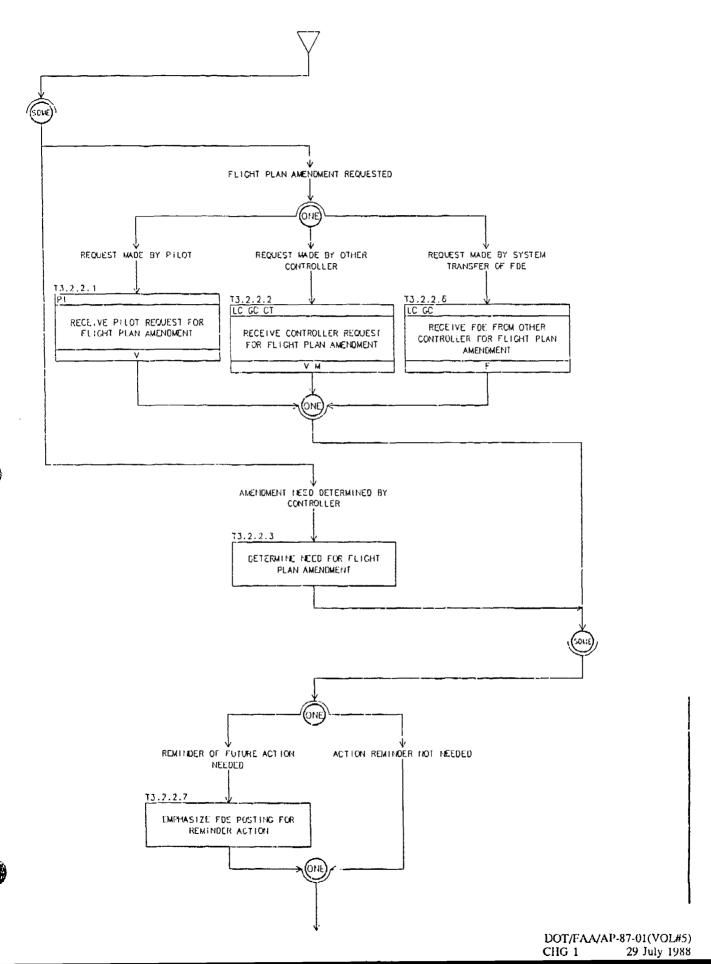


T3.2 ROUTE OR PLAN FLIGHTS

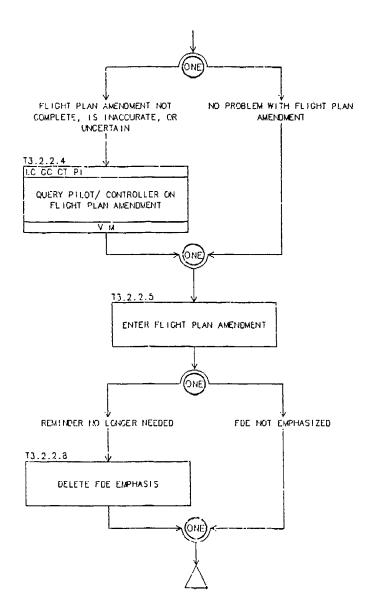


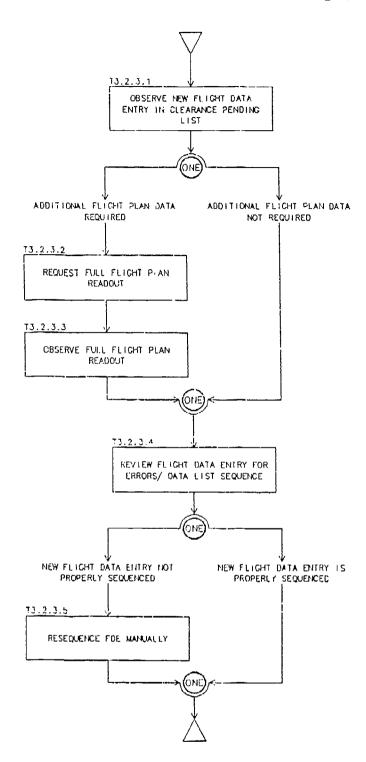
T3.2.1 PROCESSING FLIGHT PLANS



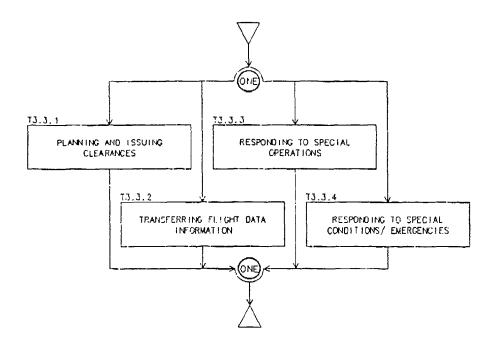


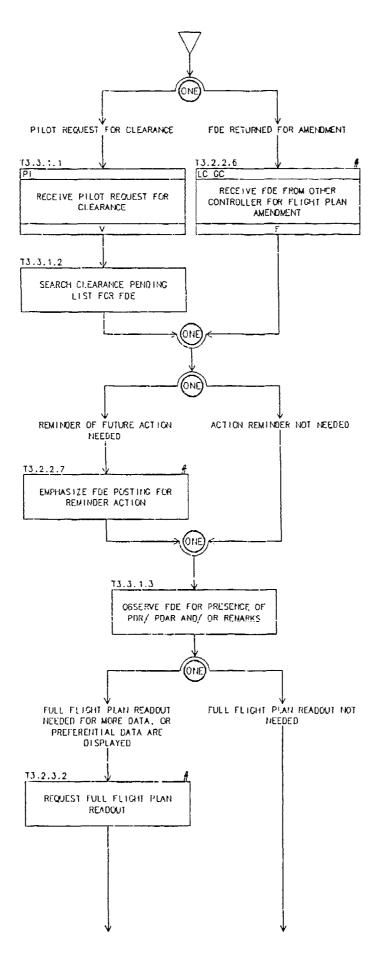
T3.2.2 PROCESSING FLIGHT PLAN AMENDMENTS (cont.)

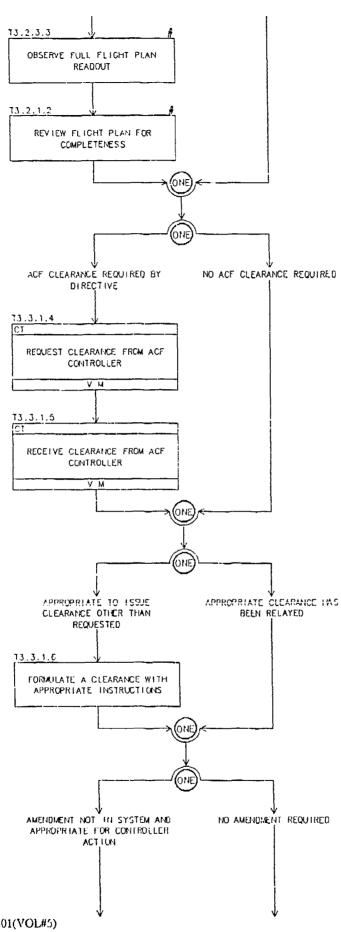


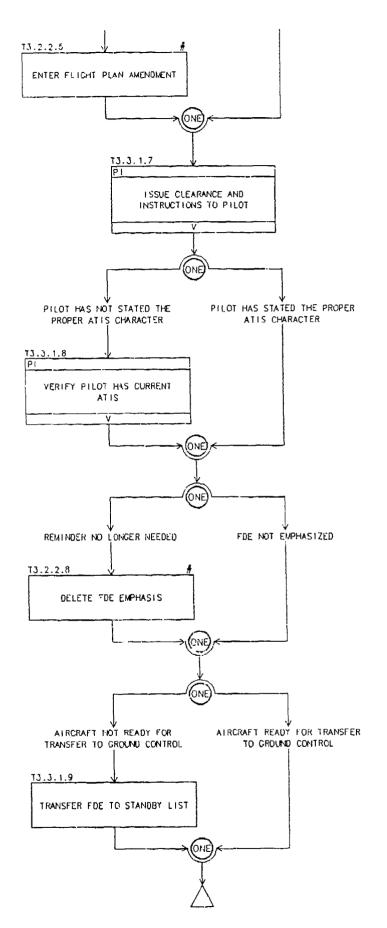


T3.3 MANAGE AIR TRAFFIC SEQUENCES

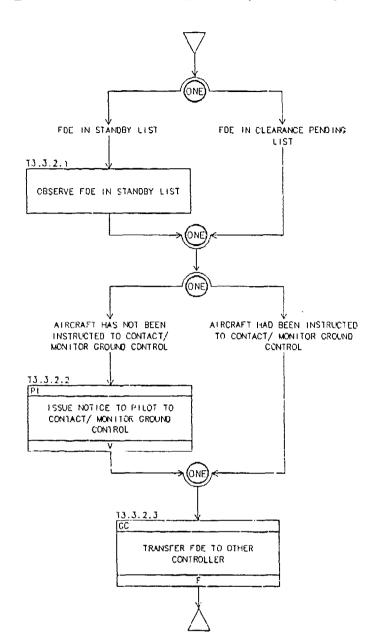


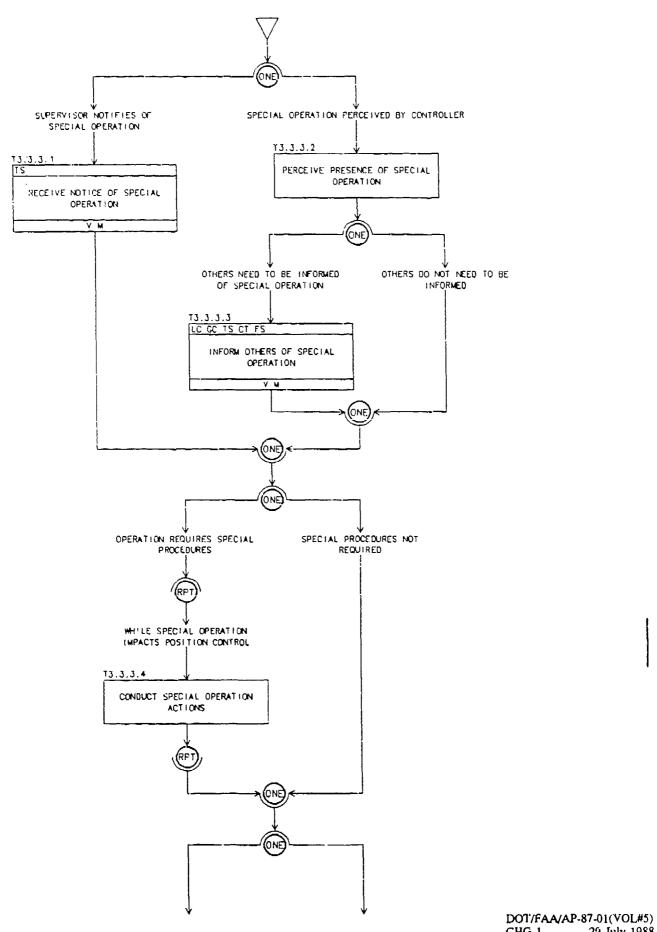




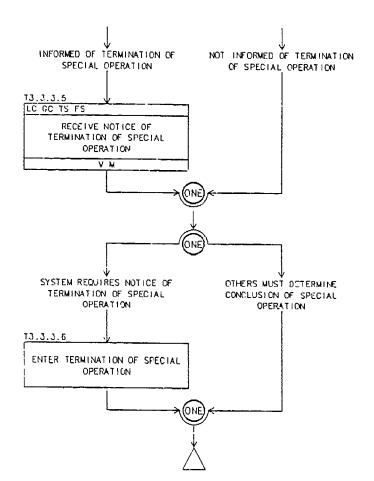


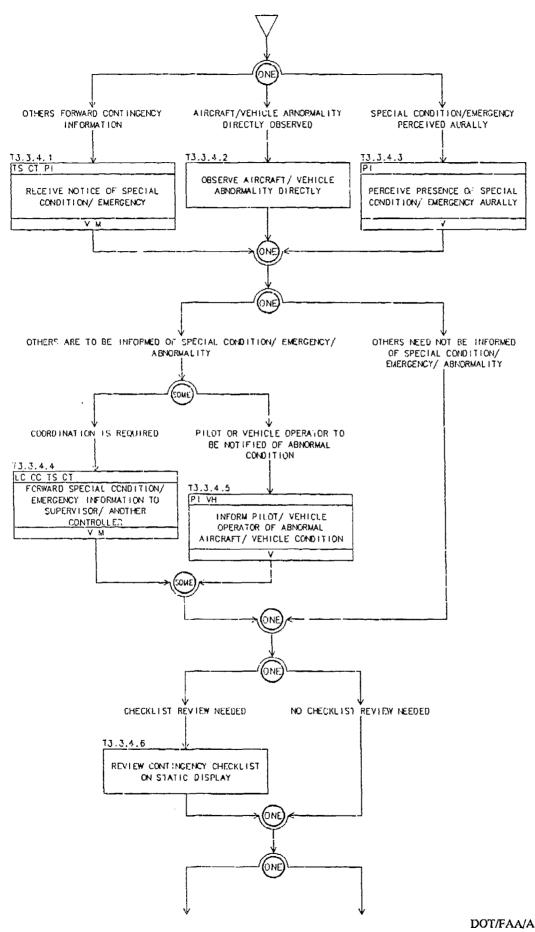
T3.3.2 TRANSFERRING FLIGHT DATA INFORMATION



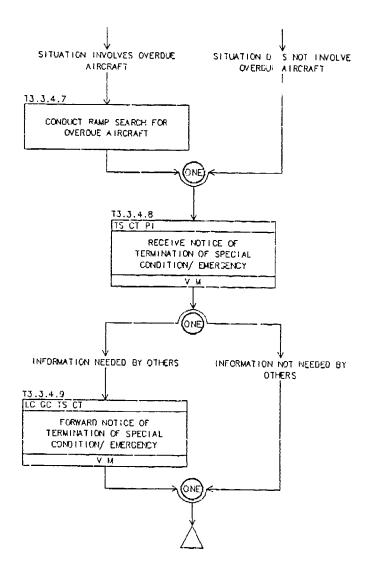


T3.3.3 RESPONDING TO SPECIAL OPERATIONS (cont.)

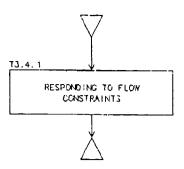


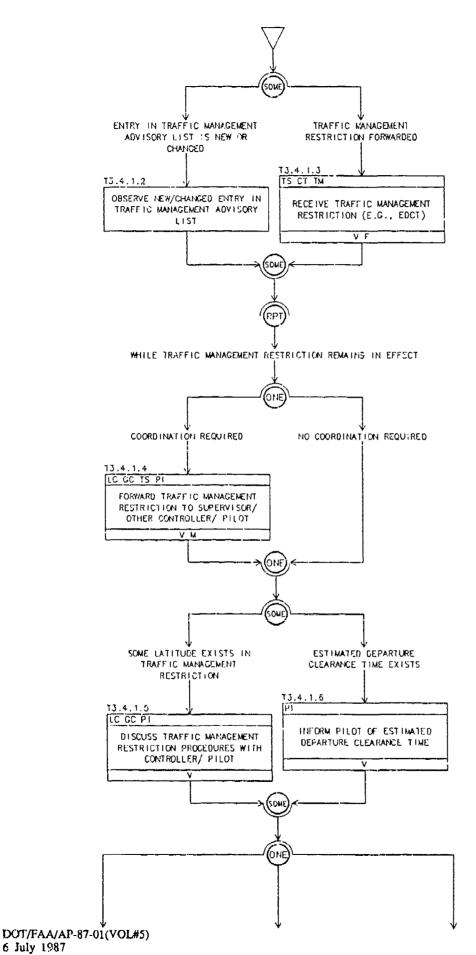


T3.3.4 RESPONDING TO SPECIAL CONDITIONS/ EMERGENCIES (cont.)



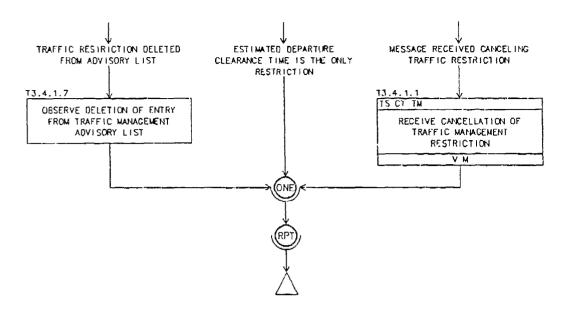
T3.4 RESPOND TO FLOW CONSTRAINTS



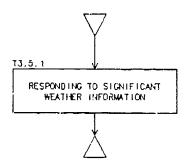


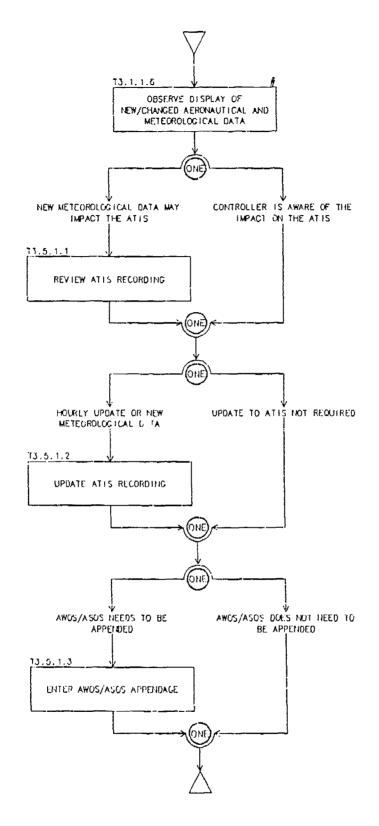
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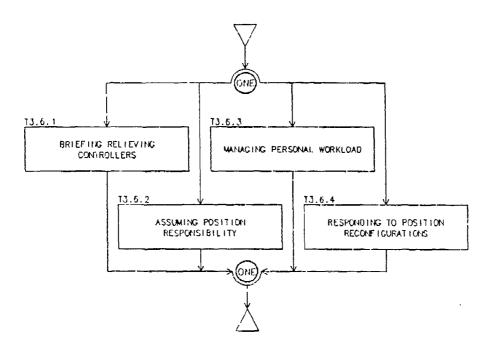
T3.4.1 RESPONDING TO FLOW CONSTRAINTS (cont.)



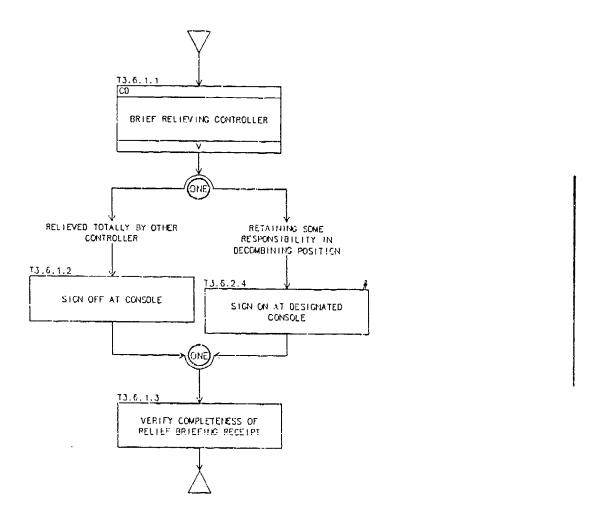
T3.5 ASSESS WEATHER IMPACT

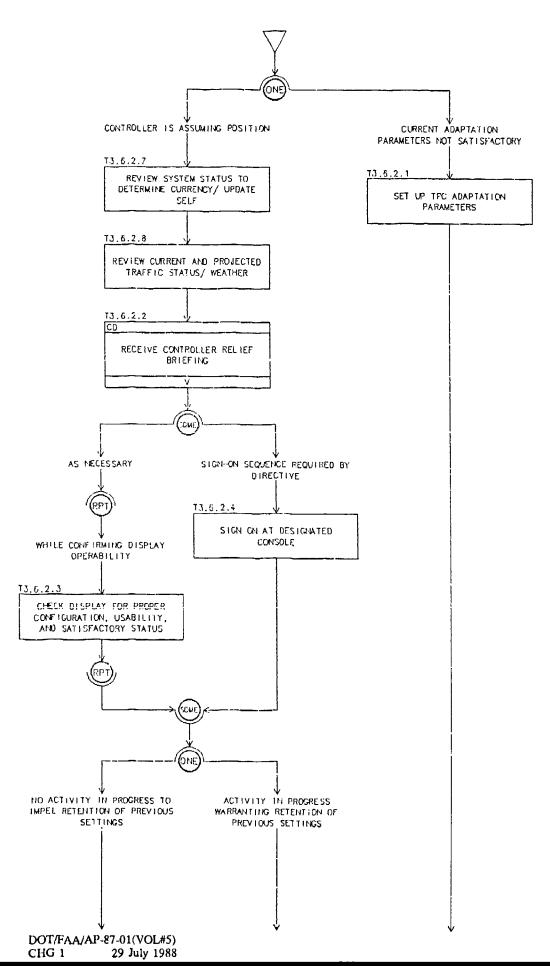




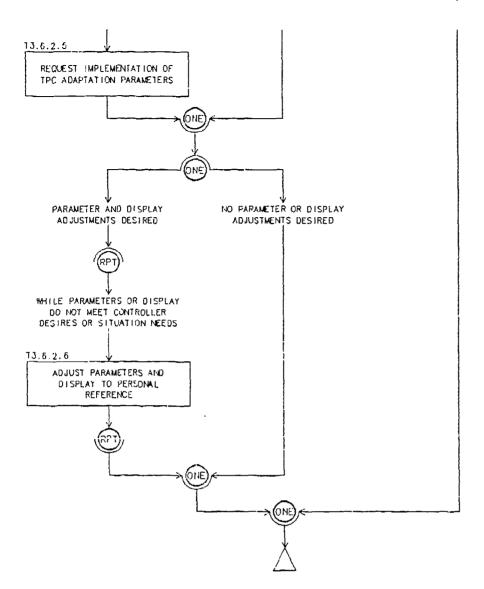


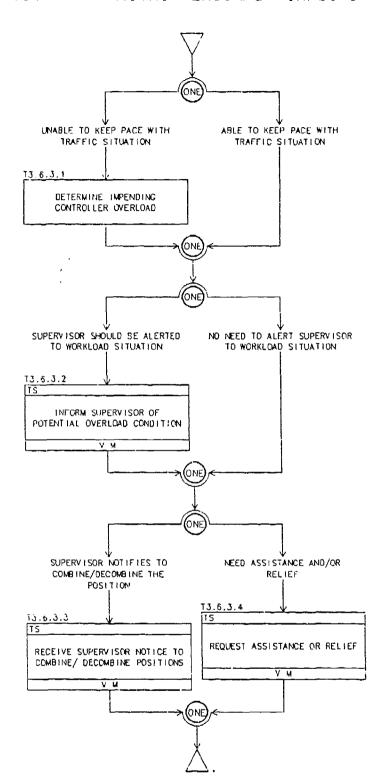
T3.6.1 BRIEFING RELIEVING CONTROLLERS

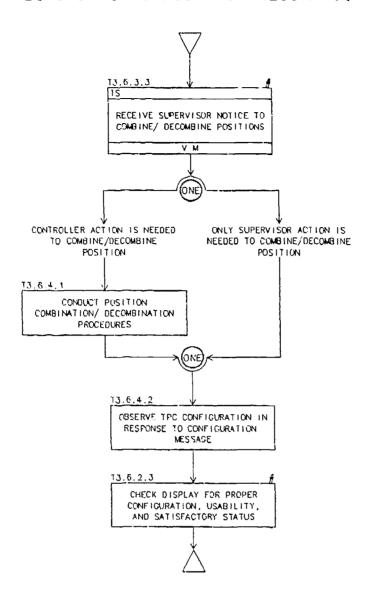


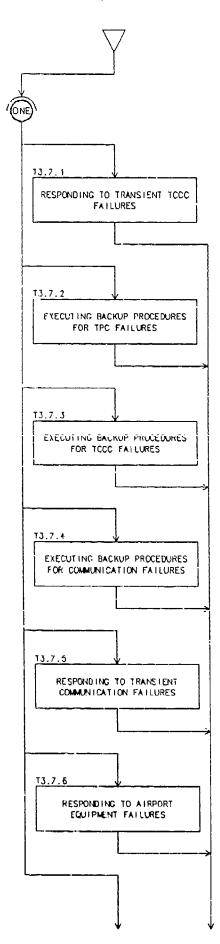


T3.6.2 ASSUMING POSITION RESPONSIBILITY (cont.)

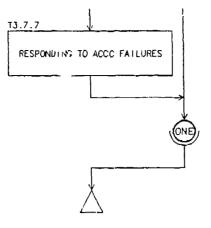


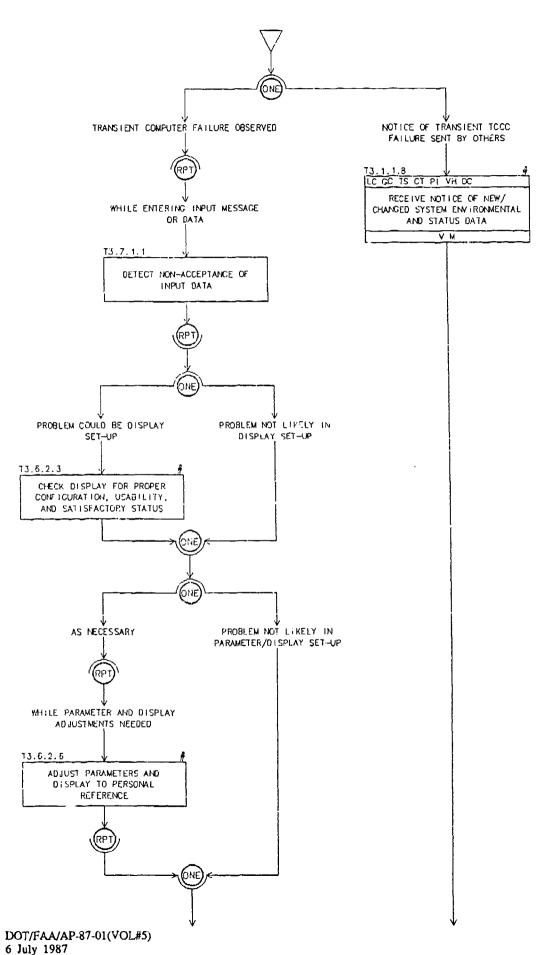




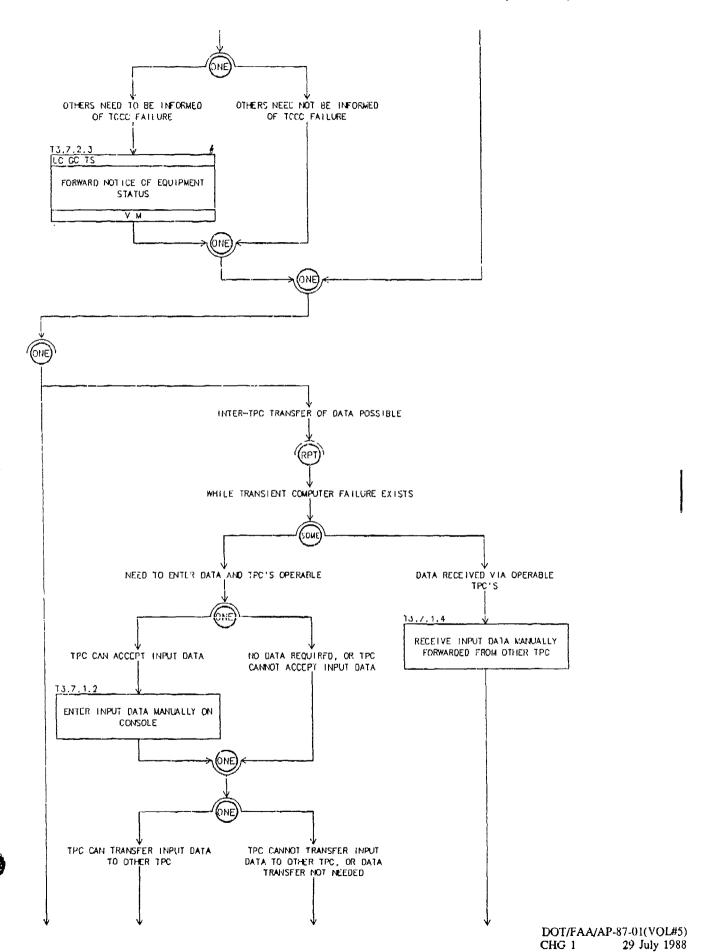


T3.7 RESPOND TO SYSTEM/ EQUIPMENT DEGRADATION (cont.)

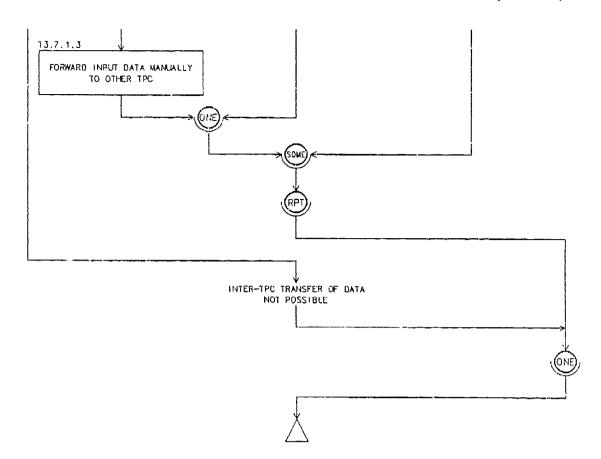


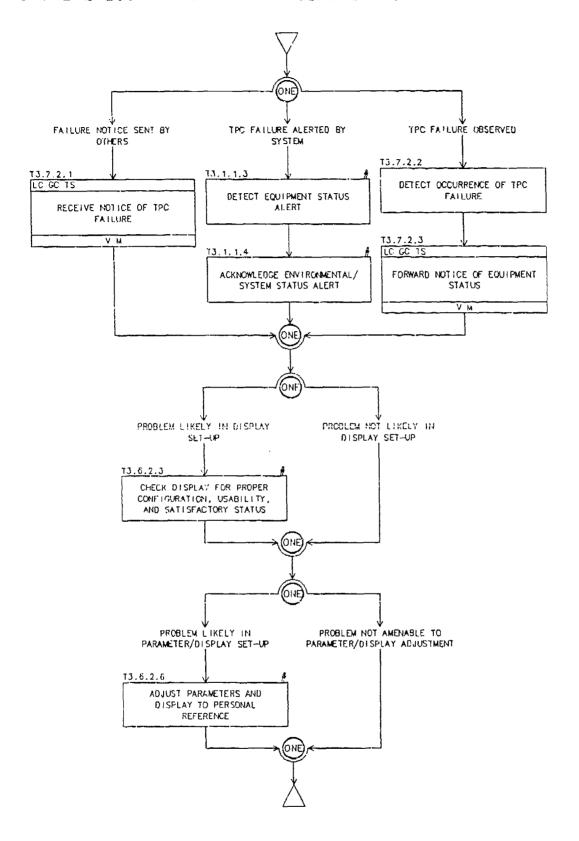


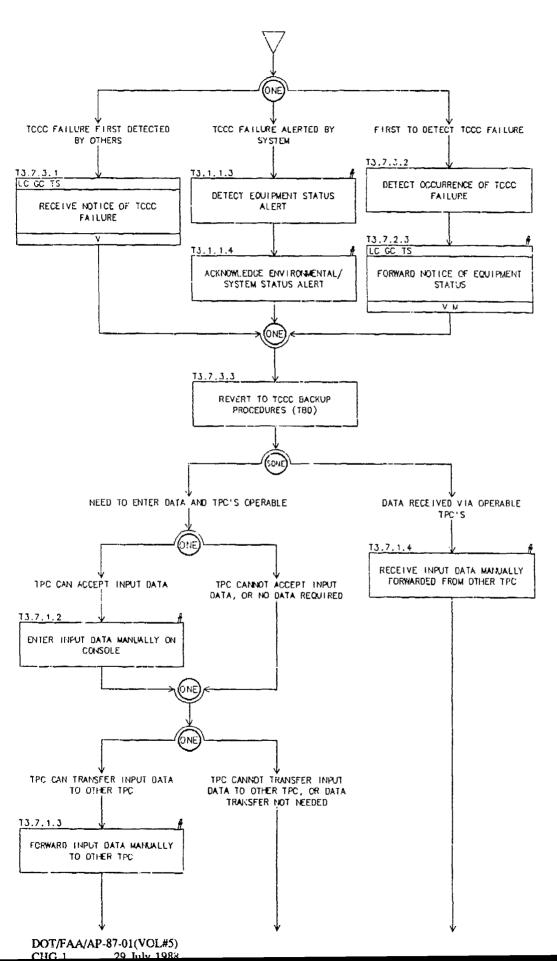
A-236



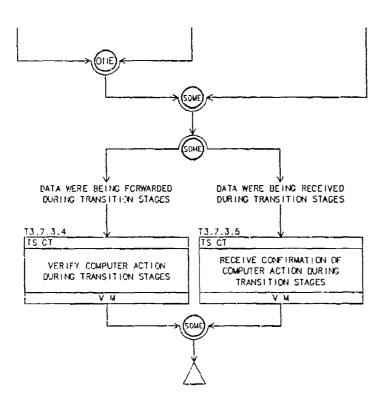
T3.7.1 RESPONDING TO TRANSIENT TCCC FAILURES (cont.)

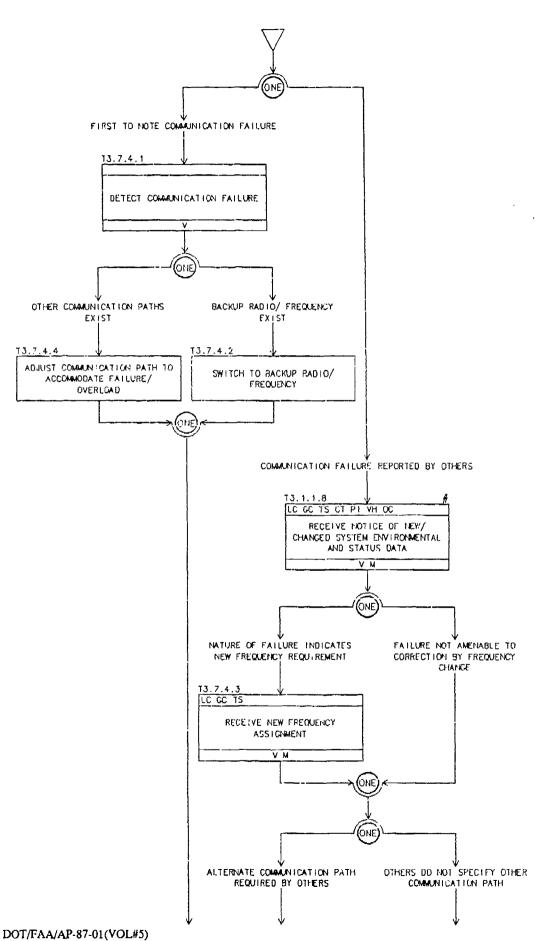


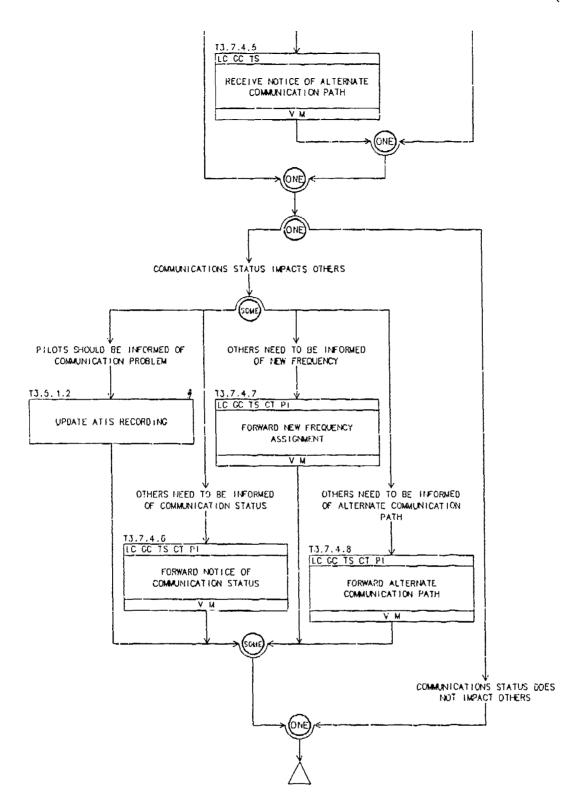


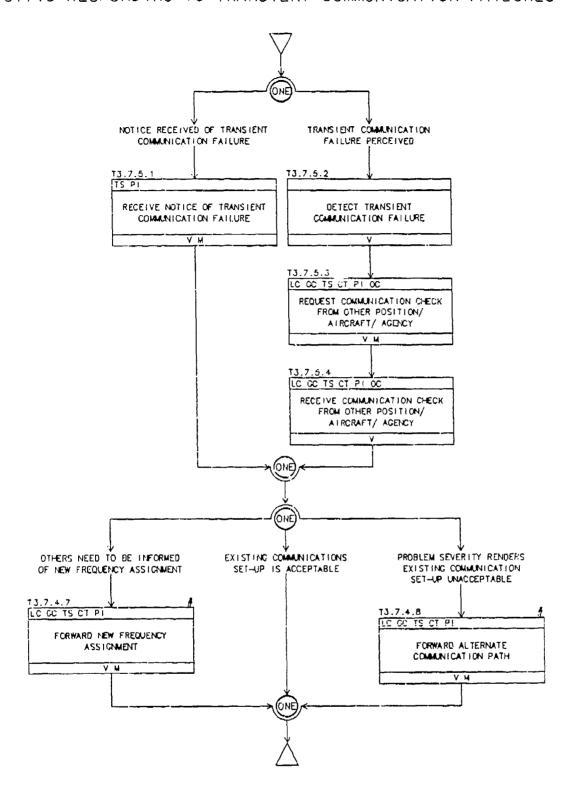


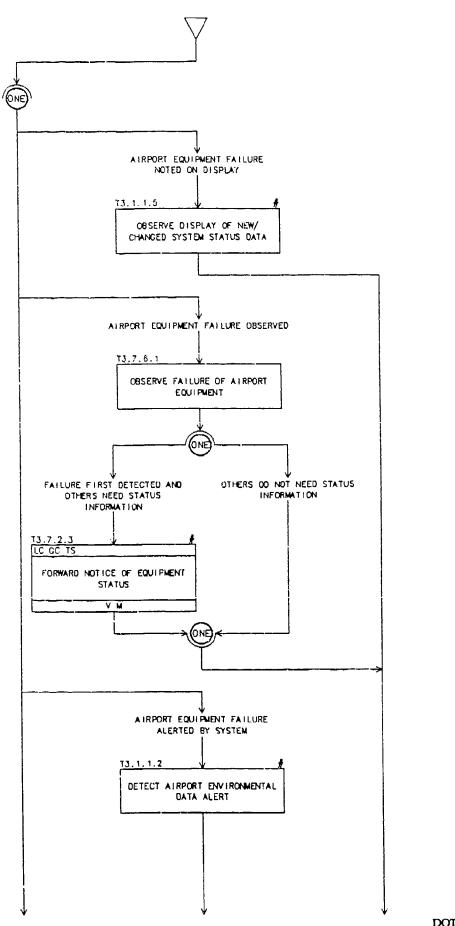
T3.7.3 EXECUTING BACKUP PROCEDURES FOR TCCC FAILURES (cont.)



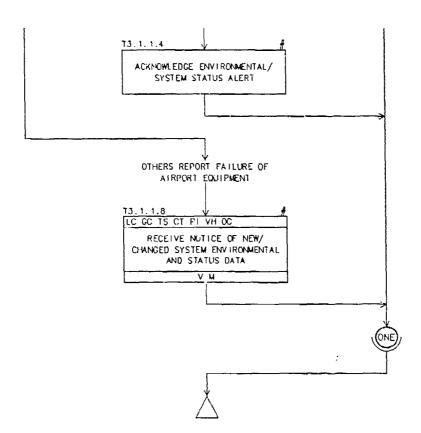


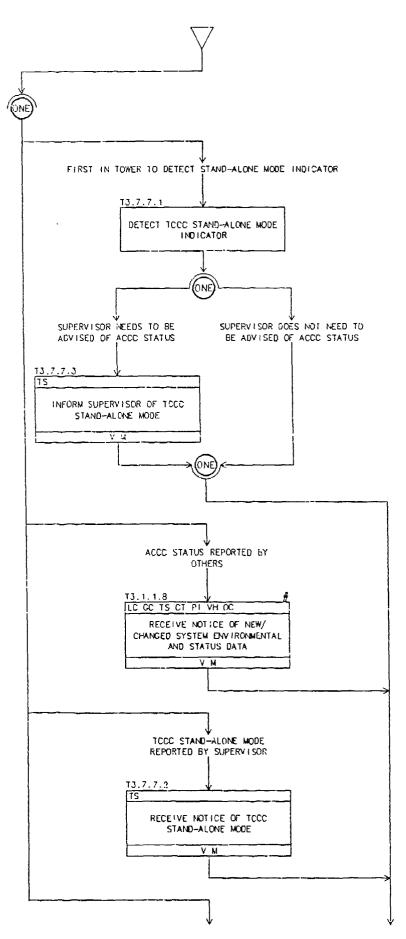


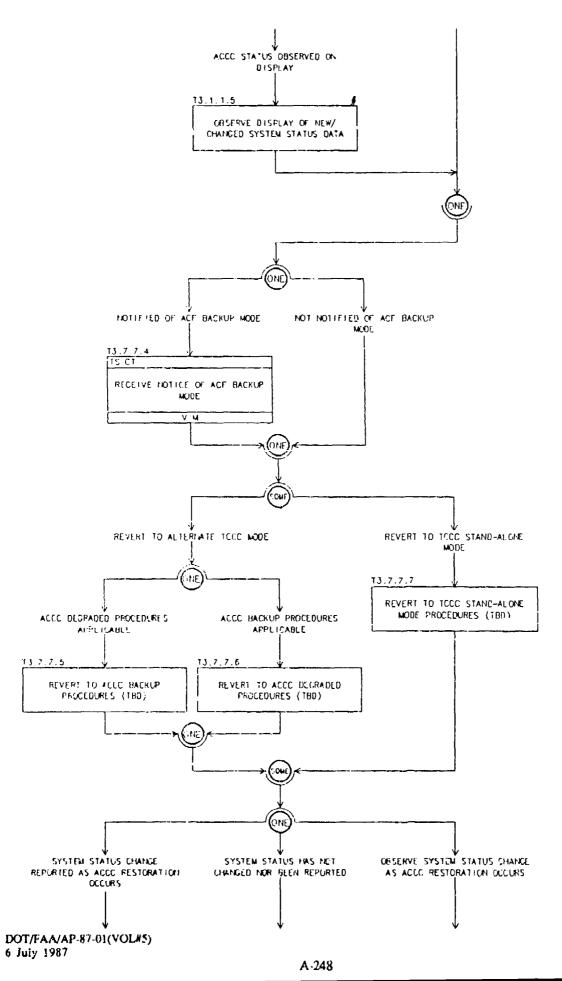




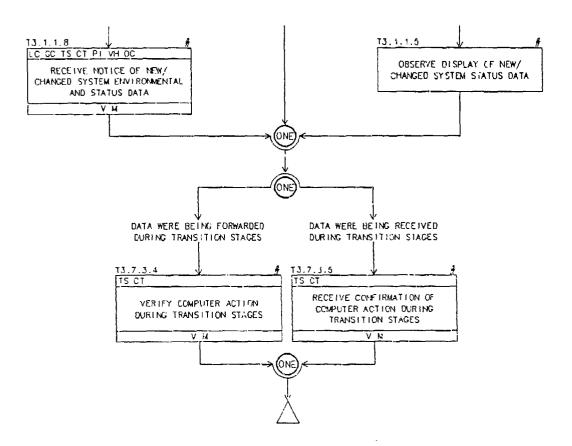
T3.7.6 RESPONDING TO AIRPORT EQUIPMENT FAILURES (cont.)







T3.7.7 RESPONDING TO ACCC FAILURES (cont.)



APPENDIX B

TASK STATEMENTS AND EVENT TO SUB-ACTIVITY TRACE

This appendix is composed of two sections:

1. Task Statements - consisting of a list of ATCT controller tasks. The following summarizes the components of the Task Statements table:

Task Number - assigned number of each task statement.

Task Statement - concise statement of the task to be performed.

Coordination Media - coordination media may be one of three types: Voice (V), Function (F), and Mail (M). Automated Coordination is reserved for AERA 2 and 3 use.

Coordinatees - designates the position/ agency contacted during coordination.

Transition State - TCCC only.

Revision Date - indicates the date of last revision for each task.

2. Deleted

3. Event to Sub-Activity Trace - noting the relation of ATC events (from Appendix A of Volume I) to each ATCT/TCCC controller sub-activity graphed in Appendix A of this volume.

The Task Statements and Event to Sub-activity Trace is listed separately for each of the three controller positions.

Task Numper	Task Statement	Coordination Media	Coordinatees	Transition State	Revision Dute
		Voice Function Mail Automated Coord.	Local Controller Ground Controller Grearance Delivery Tower Supervisor ACF Controller Flight Service Pliot Venicle Operator ACF Area Supervisor ACF Area Ranager Traffic Management Other Coordination Meteorologist		
		3 u. E «	7001-4139>441-05		
Т1	LOCAL CONTROLLER				07/12/88
T1.0.5.3	GENERATE CLEARANCE PERFORM LOCAL SITUATION				07/14/87 07/10/88
11.1	MONITORING				
1,1.1	ESTABLISHING POSITIVE AIRCRAFT/ VEHICLE POSITION				07/14/87
T1,1,1,1	REQUEST PILOT/ OPERATOR POSITION REPORT	V	l piy		Ø7/14/87
T1.1.1.2	RECEIVE POSITION REPORT RELAYED FROM OTHER CONTROLLER	V: MI			Ø7/14/87
T1.1.1.3	RECEIVE PILOT/ CPERATOR POSITION REPORT	V	Plv		07/14/87
71.1.1.4	FORWARD POSITION REPORT TO OTHER CONTROLLER	V	GICI		D7/14/87
T1.1.1.5	SEARCH ASDE FOR SPECIFIC AIRCRAFT/ VEHICLE LOCATION				27/14/87
71.1.1.0	OBSERVE MOVEMENT AREAS FOR SPECIFIC AIRCRAFT/ VEHICLE				07/14/87
11.1.1.7	SEARCH FOR AIRBORNE AIRCRAFT VISUALLY				07/14/67
T1,1,1.8	SEARCH SITUATION DISPLAY FOR TARGET				07/14/87
T1.1.1.9	VERIFY AIRCRAFY/ YEHICLE IS AT REPORTED POSITION				07/14/87
T1.1.1.10	DETERMINE CORRELATION OF EXPECTED/ REPORTED POSITION WITH TARGET				37/14/87
T1.1,2	CHECKING AND EVALUATING SEPARATION				Ø7/14/87
τ1.1.2.1	REVIEW SITUATION DIGHTAY FOR POTENTIAL VICEATION OF SEPARATION STANDARDS				07/07/88
T1.1.2.2	REVIEW FLIGHT DATA DISPLAY FOR PRESENT AND/ OR FUTUKE AIRCRAFT SEPARATION				Ø7/14/87
T1.1.2.3	SEARCH AIRSPACE/ MOVEMENT AREAS TO ASSESS AIRCRAFT SEPARATION				Ø7/14/8 7
T1.1.2.4	PROJECT MENTALLY AN AIRCRAFT'S FUTURE POSITION/ ALTITUDE/ PATH				07/14/87
	T/FAA/AP-87-0I(VOL#5)				

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DISTANCE VECTOR TO PROJECT AIRCRAFT MOVERUNI 11.1.2.7 REQUEST RANGE / BEARING/ TIME MESSAGE UITH MOVERUNI 11.1.2.9 REQUEST RANGE / BEARING/ TIME MESSAGE UITH MOVERUNI 11.1.2.9 ROREZ CONTINUOUS RANGE READOUT 11.1.2.10 DATA BLOOL TO EXAMINE FLICH DATA BLOOL TO EXAMINE FLICH AND TRACK INFORMATION 11.1.2.11 RECURST HILL BE SEPRATED BY LESS THAN PRESCRIBED MINITAL PRESCRIBED MINITAL PRESCRIBED MINITAL PRESCRIBED MINITAL REQUEST CONTINUOUS RANGE READOUT 11.1.3.1 RECULTING ENVIRONMENT AND STATUS ALERT 11.1.3.2 ADMORALEDGE ENVIRONMENT AND STATUS ALERT 11.1.3.3 DETECT EQUIPMENT STATUS ALERT 11.1.3.4 OBSERVE DISPLAY OF NEW CHARACT AIR METEROOLOGICAL ALERT 11.1.3.5 OBSERVE DISPLAY OF NEW CHARACT AIR METEROOLOGICAL ALERT OF THE METEROPHY OF THE M	Task Number	Task Statement	Coordination Media Coordinatees		Transition State	Revision Date
17.1.2.5 SEAL OUT VESTION, VELOCITY TO ASSESS VELOCITY OF THE VELOCITY TO ASSESS VELOCITY OF THE VE			Vo.ce Function Automated Coord. Automated Coord. Local Controller Sround Controller Light Service Hight Service Hather Service Heather Service	4 E E S		
VELOCITY TO ASSESS POSTIVIAL CONFLICT 11.1.2.6	T1.1.2.5	READ CUT VERTICAL				ช7/12/88
DISTANCE VECTOR TO PROJECT AIRCRAFT MOUNTAIN. T1.1.2.7 REQUEST RANGE/ BEARING/ 11MF RESSOE WITH OF TOOKS T1.1.2.8 SUPPRESS CENTINUOUS RANGE READOUT T1.1.2.9 FORCE/ OLICK LOOK FULL DATA BLOO. TO EXAMINE FLORE AIRCRAFT WILL BE SEPRATED BY LESS THAN PRESSCRIBED MINIMA PRESSCRIBE	,,,,,,	VELOCITY TO ASSESS				37, 12, 00
TITHE MESSAGE MATH OPTIONS T1.1.2.8 SUPPRESS CONTINUOUS RAME READOUT T1.1.2.9 FORCE OLDS LOOK FULL DATA BLOOK TO EXAMINE FILIDATA BLOOK TO THIM BLOOK TO THE BLOOK THE BLOOK TO THE BLOOK TO THE BLOOK TO THE BLOOK	T1.1.2.6	DISTANCE VECTOR TO PROJECT AIRCRAFT				07/07/88
RANGE READOUT 11.1.2.9 FORCE/ QUICK LOOK FULL DATA ELOO. TO EXAMINE FLIGHT AND TRACK INTERMATION 11.1.2.18 DETERNINE METHER ARCRAFT MILL BE SEPARATED BY LESS THAN PRESCRIBED MINIMA 11.1.2.11 REQUEST CONTINUOUS RANGE READOUT 11.1.3.1 DETECT EQUIPMENT STATUS ALERT JOINT STATUS ALERT FOR MINIMA AND MINIMA ALERT FOR MINIMA AND MINIMA ALERT FOR	T1.1.2.7	TIME MESSAGE WITH				ม7/07/88
DATA BLOOL TO EXAMINE FLIGHT AND TRACK INFORMATION 11.1.2.10 DETERMINE WHETHER AIRCRAFT MILL DE SEPARATEO DY LESS THAN PRESCRIBED MINIMA 11.1.2.11 REQUEST CONTINUOUS RANGE READOUT 71.1.3 RECLIVING ENVIRONMENT AND STATUS INFORMATION 71.1.3.1 DETECT REQUIPMENT STATUS ALERT 71.1.3.2 ACMORLEDGE ENVIRONMENTAL/ SYSTEM ENVIRONMENTAL/ SYSTEM STATUS ALERT 71.1.3.3 DETECT AFRONAUTICAL AND METEOROLOGICAL ALERT 71.1.3.4 OBSERVE DISPLAY OF NEW/ CHANGED SYSTEM STATUS DATA 71.1.3.5 OBSERVE DISPLAY OF NEW/ CHANGED SYSTEM STATUS DATA 11.1.3.6 CISSENVE DISPLAY OF NEW/ CHANGED ARRONAUTICAL AND METEOROLOGICAL DATA NO METEOR	71.1.2.8					07/14/67
AIRCRAFT MILL BE SEPARATED BY LESS THAN PRESCRIBED MINIMA 11.1.2.11 REQUEST CONTINUOUS RANGE READOUT 71.1.3 RECCIVING ENVIRONMENT AND STATUS INFORMATION 71.1.3.1 DETECT EQUIPMENT STATUS ALERT 71.1.3.2 ACKANGLEDGE ENVIRONMENTAL/ SYSTEM STATUS ALERT 71.1.3.3 DETECT #FRONAUTICAL AND METCOROLOGICAL ALERT 71.1.3.4 DISSERVE DISPLAY OF NEW/ CHANGED ASTONAUTICAL BATCH AND METCOROLOGICAL DATA AND METCOROLOGICAL COLOGICAL AND METCOROLOGICAL DATA AND METCOROLOGICAL COLOGICAL AND METCOROLOGICAL AND METCOROLO	T1.1.2.9	DATA BLOCK TO EXAMINE FLIGHT AND TRACK				07/14/87
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CHANGED AFRONAUTICAL AND METEOROLOGICAL DATA 11.1.3.6 CBSFRVE DISPLAY OF NEW/ CHANGED AIRPORT ENVIRONMENTAL DATA 11.1.3.7 RECEIVE NOTICE OF NEW/ VI M G D S VI D D D D D D D D D D D D D D D D D D	T1,1,3,4	CHANGED SYSTEM STATUS				0 7/14/87
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CHANGED SYSTEM ENVIRONMENTAL AND	T1.1.3.8	ENVIRONMENTAL AND STATUS DATA CHANGE				07/14/87
	T1,1.3.9	CHANGED SYSTEM ENVIRONMENTAL AND	V			37/14/87

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Task Number	Task Statement	Media	<u> </u>	.300008	Dute
		oord.	Local Controller Ground Controller Ground Controller Liber Supervisor ACF Controller Filght Service Weather Service Pilot Acrator ACF Area Supervisor ACF Area Supervisor ACF Area Manager ACF Area Manager		
		Voice Function Mail Automated Coord	1 Controller and Controller rance Deliver and Controller but Service the Service the Service the Service Area Superv Area Manager roomlogist		
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			1		
T1.1.3,10	DETECT AIRPORT ENVIRONMENTAL DATA ALERT				@ 7/14/87
T1.1.3,11	OBSERVE SYSTEM STATUS DIRECTLY				02/07/86
T1.1.4	HOUSEKEEP ING				07/14/87
T1,1.4,1	OFFSET A DATA BLOCK				07/14/87
T1.1.4.2	DELETE FDB/ FDE FROM ATC SYSTEM				07/19/88
T1.1.4.3	ENTER CONTROLLER NOTE				07/07/88
T1.1.4.4	DELETE CONTROLLER NOTE				Ø7/Ø7/38
11.1.4.5	SUPPRESS DATA BLCCK FROM DISPLAY				07/14/87
T1.1.4.6	RESTORE DATA BLOCK TO DISPLAY				07/14/87
T1.1.4.7	SUPPRESS FDE FROM DISPLAY				Ø7/15/88
11.1.4.8	RESTORE FDE TO DISPLAY				07/15/68
T1.1.4.9	ENTER FDE NOTATIONS				07/07/88
T1.1.4.10	DELETE FDE NOTATIONS				07/07/66
71.1.4.11	DELETE FDB/ FDE FROM TCCC SYSTEM				07/14/87
T1.1.4,12	SELECT FDE SORTING PRIORITY SCHEME				Ø7/14/87
T1.1.4.13	RESEQUENCE FDE MANUALLY				37/14/88
T1.1.4.14	INHIBIT AUTOMATIC HANDOFF FOR TRACK(S)				07/14/87
T1.1.4.15	RESTORE AUTOMATIC HANDOFF FOR TRACK(S)				07/14/87
T1.7.4.16	INHIBIT AUTOMATIC POINTOUT				B7/14/87
T1.1.4.17	RESTORE AUTOMATIC POINTOUT				07/14/87
T1.1.4.16	REQUEST FDE FROM ANOTHER POSITION/ FACILITY	V	G{D C		Ø7/14/87
T1.1.4.19	UPDATE/REVISE CONTROLLER NOTE				07/12/98
T1.2	RESOLVE CONFLICT SITUATIONS				Ø7/12/80
T1.2.1	PERFORMING CONFLICT RESOLUTION				B7/14/8
T1.2.1.1	RECEIVE NOTICE OF POTENTIAL AIRCRAFT/ VEHICLE CONFLICT AT THIS POSITION	V	G D S C		Ø7/14/8

Task Number	Task Statement	C∩ardination Media	Cuordinatees	Transition State	Revision Date
		Voice Function Mail Automated Coord.	Local Controller Ground Controller Clearance Delivery Clearance Delivery ACF Controller Flight Service Pliot ACF Area Supervisor ACF ACF ACF ACF ACF ACF ACF ACF ACF ACF		
T1.2.1.2	DETECT AIRCRAFT CONFLICT ALERT				0 7/ 0 7/88
T1.2.1.3	INDICATION OBSERVE POTENTIAL AIRCRAFT/ VEHICLE				Ø7, 14/87
T1.2.1.4	CONFLICT SITUATION DETERMINE VALIDITY OF AIRCRAFT/ VEHICLE CONFLICT NOTICE OR				07/14/87
T1.2.1.5	INDICATION DETERMINE APPROPRIATE ACTION TO RESOLVE AIRCRAFT/ VEHICLE				37/1 4/87
T1.2.1 6	CONFLICT SITUATION INFORM CONTROLLER OF POTENTIAL/ ACTUAL AIRCRAFT/ VEHICLE	V	G C C C C C C C C C		37/14/67
T1.2.1.7	CONFLICT ISSUE ADVISORY IN REGARD TO AIRCRAFT CONFLICT	V	P		07/14/87
⊺1.2.1.3	FORWARD NOTICE OF POTENTIAL/ ACTUAL AIRCRAFT/ VEHICLE	V			07/14/87
T1.2.1.9	CONFLICT TO SUPERVISOR REVIEW CONFLICT RESOLUTION ADVISORY				07/14/87
T1.2.1.10	CHOOSE CONFLICT RESOLUTION OPTION				07/19/68
T1.2.1.11	DETECT AIRCRAFT MANEUVER IN RESPONSE TO ADVISORY/ ALERT				07/11/88
T1.2.1.12	INFORM PILOT WHEN CLEAR	v			07/07/99
T1.2.2	PERFORMING MINIMUM SAFE ALTITUDE RESOLUTION				Ø7/14/87
11.2.2.1	RECEIVE CONTROLLER NOTICE OF POTENTIAL LOW ALTITUDE SITUATION AT THIS POSITION	V	G C C		07/20/98
T1.2.2.2	DETECT MSAW INDICATION OR ALARM				07/07/69
T1.2.2.5	DETERMINE POYENTIAL LOW				Ø7/Ø7/68
F1.2.2.4	DETERMINE VALIDITY OF MSAU NOTICE OR INDICATION				07/07/88
T1.2.2.5	DETERMINE APPROPRIATE ACTION TO RESOLVE LOW ALTITUCE SITUATION				07/07/88
T1.2.2.6	INFORM CONTROLLER OF FOIENTIAL MSAW SITUATION	√	G		07/07/88

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	: :	Coord.	troller ntroller Delive Delive Oller Vice rvice ervice ervice ervice supervi Manager Alanager Alanager Alanager Alanager		
		ice nction 11 tomated	cal Con nund Con cance earance earance earance f Contri ight Sei ight Sei i		
		S 3 € A	ACCIONAL MACE		
T1.2.2.7	ISSUE ADVISORY IN REGARD TO LCW ALTITUDE SITUATION	V	P		Ø7/14/87
T1.2.2.8	FORWARD NOTICE OF VALID MSAW OR FLIGHT ASSIST TO SUPERVISOR	V			37/0 7/88
T1.2.2.9	REVIEW MSAW RESOLUTION ADVISORY				3 7/14/87
71.2.2.10	OBSERVE FIXED CBSTRUCTIONS DIRECTLY				02/07/86
T1.2.2.11	OBSERVE DISPLAY FOR FIXED OBSTRUCTIONS THAT MAY INTERFERE WITH AIRCRAFT FLIGHT				07/14/ 8 6
T1.2.3	PERFORMING AIRSPACE/ MOVEMENT AREA VIOLATION RESOLUTION				<i>37/</i> 14/87
T1.2.3.1	OBSERVE POTENTIAL AIRSPACE/ MOVEMENT AREA VIOLATION				07/14/87
T1.2.3.2	DETERMINE APPROPRIATE ACTION TO RESOLVE AIRSPACE/ MOVEMENT AREA VIOLATION				ขั7/14/87
T1.2.3.3	INFORM CONTROLLER OF POTENTIAL/ ACTUAL AIRSPACE/ MOVEMENT AREA VIOLATION	V	G C		07/14/87
T1.2.3.4	ISSUE ADVISORY IN REGARD TO AIRSPACE/ MOVEMENT AREA VIOLATION	v	P		07/14/87
T1.2.3.5	FORWARD NOTICE OF POTENTIAL/ ACTUAL AIRSPACE/ MOVEMENT AREA VIOLATION TO SUPERVISOR	V M M	s		07/14/87
T1.2.4	ISSUING UNSAFE CONDITION ADVISORIES				Ø?/14/87 (
T1.2.4.1	OBSERVE AIRCRAFT/ VEHICLE ABNORMALITY DIRECTLY				07/14/87
T1.2.4.2	DETERMINE NEED FOR ADVISORY/ SAFETY ALERT/ CLEARANCE				Ø7/Ø7/88
T1.2.4.3	FORMULATE ADVISORY/ SAFETY ALERT CONTENT				Ø7/12/88
T1.2.4.4	ISSUE ADVISORY/ SAFETY ALERT IN REGARD TU UNSAFE AIRCRAFT/ VEHICLE CONDITION	V	PIV		07/07/88
T1.2.4.5	OBSERVE MANEUVER DIRECTLY IN RESPONSE TO ADVISORY/ SAFETY ALERT				07/12/68
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	T1.2.2.8 T1.2.2.9 T1.2.2.10 T1.2.2.11 T1.2.3 T1.2.3.1 T1.2.3.2 T1.2.3.5 T1.2.4 T1.2.4.1 T1.2.4.1 T1.2.4.2	T1.2.2.7 ISSUE ADVISORY IN REGARD TO LCM ALTITUDE SITUATION T1.2.2.8 FORMARD NOTICE OF VALID MSAM OF FLIGHT ASSIST TO SUPERVISOR T1.2.2.9 REVIEW MSAM RESOLUTION ADVISORY T1.2.2.10 OBSERVE FIXED OBSTRUCTIONS DIRECTLY T1.2.2.11 OBSERVE DISPLAY FOR FIXED OBSTRUCTIONS THAT MAY INTERFERE WITH AIRCRAFT FLIGHT T1.2.3 PERFORMING AIRSPACE/MOVEMENT AREA VIOLATION RESOLUTION T1.2.3.1 OBSERVE POTENTIAL AIRSPACE/MOVEMENT AREA VIOLATION T1.2.3.2 DETERMINE APPROPRIATE ACTION TO RESOLVE AIRSPACE/MOVEMENT AREA VIOLATION T1.2.3.3 INFORM CONTROLLER OF POTENTIAL/ACTUAL AIRSPACE/MOVEMENT AREA VIOLATION T1.2.3.4 ISSUE ADVISORY IN REGARD TO AIRSPACE/MOVEMENT AREA VIOLATION T1.2.3.5 FORMARD NOTICE OF POTENTIAL/ACTUAL AIRSPACE/MOVEMENT AREA VIOLATION T1.2.3.6 ISSUE ADVISORY IN REGARD TO AIRSPACE/MOVEMENT AREA VIOLATION T1.2.4.1 OBSERVE AIRCRAFT/VEHICLE ABNORMALITY DIRECTLY T1.2.4.2 DETERMINE NEED FOR ADVISORY/SAFETY ALERT/CLEARANCE T1.2.4.3 FORMULATE ADVISORY/SAFETY ALERT/CLEARANCE T1.2.4.4 ISSUE ADVISORY/SAFETY ALERT/CLEARANCE T1.2.4.5 OBSERVE MANEUVER DIRECTLY IN RESPONSE TO	TOSK Number Task Statement Media Task Statement Media T1.2.2.7 ISSUE ADVISORY IN REGARD TO LOW ALTITUDE SITUATION T1.2.2.8 FORWARD NOTICE OF VALID MSAW OR FLIGHT ASSIST TO SUPERVISOR T1.2.2.9 REVIEW MSAW RESOLUTION ADVISORY T1.2.2.10 OBSERVE FIXED COSTRUCTIONS DIRECTLY T1.2.2.11 OBSERVE DISPLAY FOR FIXED OBSTRUCTIONS THAT MAY INTERFERE HITH AIRCRAFT FIGHT T1.2.3 PERFORMING AIRSPACE/MOVEMENT AREA VIOLATION RESOLUTION T1.2.3.1 OBSERVE POTENTIAL AIRSPACE/MOVEMENT AREA VIOLATION RESOLUTION T1.2.3.2 DETERMINE APPROPRIATE ACTION TO RESOLVE AIRSPACE/MOVEMENT AREA VIOLATION T1.2.3.3 INFORM CONTROLLER OF POTENTIAL/ACTUAL AIRSPACE/MOVEMENT AREA VIOLATION T1.2.3.4 ISSUE ADVISORY IN REGARD TO AIRSPACE/MOVEMENT AREA VIOLATION T1.2.3.4 ISSUE ADVISORY IN REGARD TO AIRSPACE/MOVEMENT AREA VIOLATION T1.2.3.4 ISSUE ADVISORY IN POTENTIAL/ACTUAL AIRSPACE/MOVEMENT AREA VIOLATION TO SUPERVISOR T1.2.4.1 OBSERVE AIRCRAFT/VEHICLE ABNORMALITY DIRECTLY T1.2.4.2 DETERMINE NEED FOR ADVISORY/SAFETY ALERT/CLEARANCE T1.2.4.3 FORMULATE ADVISORY/SAFETY ALERT/CLEARANCE T1.2.4.4 ISSUE ADVISORY/SAFETY ALERT/CLEARANCE T1.2.4.5 OBSERVE MANCUVER DIRECTLY IN RESPONSE TO DIRECTLY IN RESPO	Tiss Stotement	Topic Number Topic Stotopenet

Task Number	Task Statement	Coordination Medio	Coordinatees	Transition State	Revision Dote
		Voice Function Mail Automated Coord.	Local Controller Clearence Delivery Clearence Delivery Cower Supervisor ACF Controller Filght Service Weather Service Ulot Vehicle Operator ACF Area Supervisor ACF Area Faragata		
T1.2.4.6	INFORM PILOT/ OPERATOR OF SITUATION RETURNED TO NORMAL	v	PV		Ø7/14/87
T1.2.5	SUPPRESSING/ RESTORING ALERIS/ RESOLUTION ADVISORIES				07/14/87
T1.2.5.1	DETERMINE VALIDITY/ APPROPRIATENESS OF DISPLAY OF AN ALERT/ RESOLUTION ADVISORY				07/07/88
T1.2.5.2	RECEIVE SUPERVISOR NOTICE TO SUPPRESS ALERT	VI MI	S		Ø2/14/67
T1.2.5.3	SUPPRESS CONFLICT ALERT FOR PAIRED AIRCRAFT				07/14/97
T1.2.5.4	SUPPRESS MSAW FUNCTION FOR AN AIRCRAFT				Ø7/Ø7/89
T1.2.5.5	SUPPRESS CONFLICT ALERT FOR GROUP SUPPRESSION				07/14/8
T1.2.5.6	RECEIVE SUPERVISOR NOTICE TO RESTORE ALERT/ RESOLUTION ADVISORY	V	s		87/14/3
T1,2,5.7	RESTORE SPECIFIC ALERT/ RESOLUTION ADVISORY FUNCTION TO NORMAL				07/07/8
T1.2.5.8	SUPPRESS CONFLICT RESOLUTION ADVISORY FOR PAIRED AIRCRAFT				07/07/8
T1.2.5.9	SUPPRESS MSAW RESOLUTION ADVISORY FOR AN AIRCRAFT				07/07/8
11.3	MANAGE AIR TRAFFIC SEQUENCES				97/12/8
T1. 3.1	PROCESSING DEVIATIONS				fi7/14/8
T1.3.1.1	PERCEIVE AN ALTITUDE/ ROUTE DEVIATION				07/14/8
T1.3,1,2	RECEIVE NUTICE OF AIRCRAFT/ VEHICLE DEVIATION	V	G C PV		Ø7/14/8
T1.3.1.3	DETECT ALTITUDE NONCONFORMANCE INDICATION				07/07/8
T1.3,1,4	OBSERVE GROWNO TRAFFIC DEVIATION DIRECTLY				07/19/8
T1. 3.1 .5	QUERY PILOT/ OPERATOR/ CONTROLLER REGARDING DEVIATION	V	C		Ø7/14/8
71.3.1.6	ISSUE ADVISORY IN REGARD TO DEVIATION	V	PV		Ø7/14/8
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		TASK STATEMENTS Coordination	Torror	l O autorio
Task Number	Task Statement	Media Coordinatees	Transition State	Revision Date
		Voice Function Mail Automated Coord. Automated Coord. Cocal Controller Ground Controller Clearance Delivery Tower Supervisor ACF Controller Flight Service Meather Service Meather Service Welcle Operator ACF Area Supervisor ACF Area Supervisor ACF Area Manager Traffic Management Other Coordination Meteorologist		
T1.3.1.7	OBSERVE AIRCRAFT/ VEHICLE RESUMING CONFORMANCE DIRECTLY OBSERVE DISPLAY OF			07/14/87 07/14/87
11.3.1.9	AIRCRAFT/ VEHICLE RESUMING CONFORMANCE OBSERVE GROUND TRAFFIC			87/14/87
T1.3.1.10	DEVIATION ON ASDE DISPLAY INFORM OTHER CONTROLLER OSPERVISOR	Vi Mi Gi Si		Ø7/14/67
Т1.3.1.11	OF GROUND TRAFFIC DEVIATION DETECT UNREASONABLE MODE C INDICATION			07/07/88
T1.3.1.12	EVALUATE UNREASONABLE MODE C INDICATION FOR ACTION NEEDED			07/07/88
T1.3.1.13	EVALUATE ALTITUDE NONCONFORMANCE INDICATION FOR ACTION NEEDED			07/07/83
T1.3.2	ESTABLISHING DEPARTURE SEQUENCES			07/14/87
T1.3.2.1	RECEIVE FDE OF DEPARTURE AIRCRAFT	F		07/14/87
T1.3.2.2	OBSERVE AIRCRAFT AWAITING TAKEOFF CLEARANCE			Ø7/14/87
T1.3.2.3	RECEIVE INITIAL CONTACT FRCM PILOT READY FOR TAKECEF	V		0 7/14/87
T1.3.2.4 T1.3.2.5	ENTER DEPARTURE MESSAGE ISSUE APPROPRIATE	V		C7/14/87
	DEPARTURE INFORMATION			07/14/8/
11.3.2.6	DISCUSS SEQUENCING WITH GROUND CONTROLLER	V		07/14/87
T1.3.2.7	DETERMINE SEQUENCE FOR DEPARTURE AIRCRAFT			07/14/67
T1.3.2.8	REQUEST RELEASE FOR DEPARTURE	V		£17/14/87
T1.3.2.9	RECEIVE INSTRUCTIONS TO HOLD FOR RELEASE	V		07/14/87
T1.3.2.10	RECEIVE RELEASE FOR DEPARTURE AND AMENDED CLEARANCE AS NECESSARY	V		27/14/87
T1.3.2,11	ISSUE INSTRUCTIONS TO PILOT TO TAXI INTO POSITION AND HOLD	V		0 7/ 1 4/87
T1.3.2.12	DETERMINE APPROPRIATE INTERVAL/ DISTANCE FOR DEPARTURE			9 7/14/87

1.3.2.14 ISSUE CECAPATURE V INFORMATION P D D D D D D D D D	Task Number	Task Statement	Coordination Media	Coordinatees	Transition State	Revisio Date
1.3.2.13 ISSUE AMENDED CLEARANCE V		Voice Function Mail Automated Coord.	Local Controller Cround Controller Clearance Delivery Lower Supervisor ACF Controller Flight Service Weather Service Vehicle Operator OFF Area Supervisor OFF Area Supervisor Traffic Management Lither Coordination Acted Coordination Acted Coordination			
T1.3.3.5 CBSERVE DISPLAYS FOR PERTINENT INFORMATION ON ARRIVAL AIRCRAFT	T1,3,2,14 T1,3,2,15 T1,3,2,16 T1,3,2,17 T1,3,2,18 T1,3,2,19 T1,3,2,20 T1,3,2,21 T1,3,2,22 T1,3,2,25 T1,3,2,25 T1,3,2,26 T1,3,2,27 T1,3,2,27 T1,3,2,27 T1,3,2,28 T1,3,3,3,1 T1,3,3,3,1 T1,3,3,3,1	ISSUE CEPARTURE INSTRUCTIONS ISSUE ADVISORY IN REGARD TO TRAFFIC/ WAKE TURBULENCE ISSUE TAKEOFF CLEARANCE ISSUE AMENDED TAKEOFF CLEARANCE ISSUE TAKEOFF CLEARANCE CANCELLATION OBSERVE ABORTED TAKEOFF RECEIVE NOTICE OF TAKEOFF OBSERVE TAKEOFF ON SITUATION DISPLAY ISSUE TAXI INSTRUCTIONS TRANSFER FDE TO OTHER CONTROLLE:. FORWARD NOTICE OF DEPARTURE DIRECT PILOT TO CONTACT ACF CONTROLLER OBSERVE DISPLAY OF AIRCRAFT AWAITING TAKEOFF CLEARANCE OBSERVE DISPLAY OF AIRCRAFT AWAITING TAKEOFF CLEARANCE OBSERVE DISPLAY OF ARRIVAL AIRCRAFT RECEIVE FOE/ FOB OF ARRIVAL AIRCRAFT RECEIVE PILOT REQUEST FOR LANDING INSTRUCTIONS ENTER FLIGHT PLAN ISSUE INITIAL LANDING INSTRUCTIONS CBSERVE DISPLAYS FOR PERTINENT INFORMATION	V	P P P P P P P P P P P P P P P P P P P		07/14/8 07/14/8 07/14/8 07/14/8 07/14/8 07/14/8 07/14/8 07/14/8 07/14/8 07/14/8 07/14/8 07/14/8 07/14/8 07/14/8 07/14/8

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		Voice Function Mail Automated Coord.	Local Controller Ground Controller Glearance Delivery Tower Supervisor ACF Controller Flight Service Flight Service Flight Service Flight Service Flight Service Flight Service Flight Controller Flight Controller Flight Management Other Coordination Meteorologist		
T1.3.3.8	DETERMINE SAFENESS FOR				0 7/14/87
71.3.3.9	LANDING ISSUE CHANGE OF LANDING	v			0 7/14/87
71.3.3.10	INSTRUCTIONS ISSUE CLEARANCE FOR	v			Ø7/14/87
	AIRCRAFT TO LAND OR CLEARANCE FOR OPTION				37, 11, 01
⊺1.3.3.11	RECEIVE NOTICE OF AIRCRAFT EXECUTING LANDING/ OPTION	V			07/14/87
T1.3.3.12	OBSERVE AIRCRAFT EXECUTING LANDING/ OPTION				07/14/87
T1.3.3.13	ISSUE GO AROUND	v			ย7/14/87
71.3.3.14	RECEIVE NOTICE OF PILOT-INITIATED MISSED APPROACH/ GO AROUND/ TOUCH-AND-GO/ STOP-AND-GO	v			07/12/68
71.3.3,15	INFORM CONTROLLER OF MISSED APPROACH/ GO AROUND/ TOUCH-AND-GO/ STOP-AND-GO	VIFIMI			07/12/89
~1.3.3,16	CIRECT PILOT TO CONTACT GROUND CONTROL	v			Ø7/14, 97
**.3.3,*7	ENTER RUNLAY ASSIGNMENT FOR AIRCRAFT				82/87/86
T1.3.3.18	OBSERVE DISPLAY OF AIRCRAFT EXECUTING LANDING, OPTION				0 7/21/87
71.3.3.19	VERIFY PILOT HAS CURRENT ATIS	V	P· III		33/11/6 5
71.3.3.20	ISSUE AMENDED CLEARANCE FOR LANGING/ OPTION	v			03/07/86
71.3.4	MONITORING NON-CONTROLLED OBJECTS				87/14/87
71.3.4.1	RECEIVE NOTICE OF AN INTRUSION INTO AIRSPACE/ MOVEMENT AREA BY NON-CONTROLLED OBJECT	V M			3 7/14/87
71.3.4.2	OBSERVE DIRECTLY AN AIRSPACE/ MUVEMENT AREA INTRUSION BY NON-CONTROLLED OBJECT				07/14/8 7
ិត្ត3.4.3	OBSERVE ON DISPLAY AN INTRUSION INTO AIRSPACE/ MOVEMENT AREA BY NON-CONTROLLED OBJECT				27/14/87
T1.3.4.4	FORWARD NOTICE OF AN AIRSPACE/ MOVEMENT AREA INTRUSION BY A NON-CONTROLLED OBJECT	V	.G S.C		£7/14/87

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		Voice Function Mail Automated Coord.	Local Controller Ground Controller Clearance Delivery JOR Controller Flight Service Mather Service Pllot Venicle Operator ACF Area Supervisor ACF Area Manager Traffic Management Other Coordination Meteorologist		
	ODOCOVE NOW OCHTOOL CO				a. (1, (0.3
T1.3.4.5	OBSERVE NON-CONTROLLED OBJECT PROGRESS				07/14/87
71.3.4.6	INFORM PILOT/ OPERATOR WHEN CLEAR OF NON-CONTROLLED OBJECT	V			C7/14/87
11.3.4.7	ISSUE ADVISORY IN REGARD TO NON-CONTROLLED OBJECT IN AIRSPACE/ MOVEMENT AREA	Vi	PiV		D2/07/86
T1.3.5	RESPONDING TO IMPOSED AIRSPACE/ MOVEMENT AREA RESTRICTIONS				27/14 87
1.3.5.1	RECEIVE NOTICE OF IMPOSED ATRSPACE/ MOVEMENT AREA RESTRICTION	V : M: :	G SC		27/14 87
71.3.5.2	DETERMINE IMPACT OF AIRSPACE/ MOVEMENT AREA RESTRICTION ON AIRCRAFT MOVEMENT				21 14 (1
*1.3.5.3	ISSUE INSTRUCTIONS RESTRICTING AIRCRAFT ACTIVITY IN AFFECTED AIRSPACE: MOVEMENT AREA		P		21 14 E
71.3.6	REQUESTING TEMPORARY RELEASE OF AIRSPACE MOVEMENT AREAS				£7 74 9
-1.3.6.1	REQUEST TEMPORARY RELEASE OF ATREPACE MOVEMENT AREA	. н	\$ \$ C		2 ** • •
3 6.2	RECEIVE RELEASE USE OF AIRSPACE/ MOVEMENT AREA	, п	5 S C		2" . ;
*1.3.6.3	RECEIVE DENIAL OF USE OF AIRSPACE/ MOVEMENT AREA		6 5 C		ļ. ·
*1.3.5.4	FORMARD NOTICE OF RETURN OF RELEASED AIRSPACE: MOVEMENT AREA	, н	\$ se		rra
~1.3.6.5	ENTER REMINDER OF TEMPORARY MOJEMENT AREA RELEASE				e: :: +-
T1.3.5.6	CELETE REMINDER OF TEMPORARY MOVEMENT AREA RELEASE				21 22 1
71.3.7	RESPONDING TO REQUESTS FOR TEMPORARY RELEASE OF AIRSPACE/ MOVEMENT AREAS				2" 14 5
T1 .3 .7.1	RECEIVE REQUEST FOR TEMPORARY RELEASE OF AIRSPACE/ MOVEMENT AREA	V M:	6 S C		£7/34.6

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		Voice Function Mail Automated Coord.	Local Controller Ground Controller Ground Controller Tower Supervisor Fight Service Weather Service Pilot Wehicle Operator ACF Area Supervisor ACF Area Supervisor ACF Area Manager Traffic Managenent Other Coordination Meteorologist		
ř1.3.7.2	DISCUSS RELEASE OF AIRSPACE/ MOVEMENT AREA WITH SUPFRVISOR/ OTHER CONTROLLER	V	G S		27/14/87
Τ1.3.7.3	FORWARD APPROVAL FOR TEMPORARY USE OF AIRSPACE/ MOVEMENT AREA	Vi Mi	G S C		Ø7/14/97
71.3.7.4	FORWARD DENIAL OF TEMPORARY USE OF AIRSPACE/ MOVEMENT AREA	V Mi	Gi SiCi		57/14/97
71,3.7.5	RECEIVE RETURN OF AIRSPACE/ MOVEMENT AREA TEMPORARILY RELEASED	V MI	G: S. C:		27/14/37
*1.3.7.5	EVALUATE FEASIBILITY OF RELEASING AIRSPACE/ MOVEMENT AREA TEMPORARILY				87/87/66
	POUTE OR PLAN FLIGHTS				37, 12, 36
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	RECEIVE THE TUENDANCE RECUEST FROM POLICY		P		27, 14, 81
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	RECEIVE CLEARANTE LAPROVIAL CLEARANCE RESTRICTIONS FROM ANCIMER CONTROLLER	. "	С		27,14,9
** • * * E	RECEIVE CLEARANCE DISAPPROVAL DENTAL FROM ANOTHER CONTROLLER	н			87787789
73,4 7,31	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED CLEARANCE				37714, 9
₹1,4,1,12	RECEIVE ALTERNATE SUGGESTION FOR CLEARANCE/ APPROVAL REQUESTED OF ANOTHER CONTROLLER	V			27/14/8

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~ask Numcen	Task Statement	Medic	Coordinatees	ironalisen State	Revision Date
		Volce Function Mail Automated Coord.	Local Controller Grewa Controller Grewa Controller Tower Spervisor ACF Controller Flight Service Plut Weisle Operator ACF Area Supervisor ACF Area Panagement Cother Coordination Meteorologist		i i
71,4,1,13	CETERMINE APPROPRIATE ACTION FOR AIRCRAFT CLEARANCE				C7/14/87
*1.+.2	RESPONDING TO SPECIAL CONDITIONS/ EMERGENCIES				37/14/87
71.4.2 1	RECEIVE NOTICE OF SPECIAL CONDITION/ EMERGENCY	V. M.	G S.C. P		J7/ 14/107
T1.4.2.2	PERCEIVE PRESENCE OF SPECIAL CONDITION/ EMERGENC! AURALLY				87/14/37
*1.4.2.3	FORWARD SPECIAL CONDITION/ EMERCINOV INFORMATION TO SUPERVISOR/ OTHER CONTROLLER	7 M	G. 'S.C'		ð7714 √ 87
*1,4,2,4	INFORM PILOY/ VEHICLE SPERATOR OF ABNURMAL AIRCRAFT/ VEHICLE CONDITION	V			ສະ, ໝະ ອະ
*1.4.2.5	CONCUCT VISUAL/ RADAR IDENTIFICATION OF NORDO/ OVERDUE AIRCRAFT				07/14/87
77.4.2.6	DECLARE EMERGENCY AND INVOKE CONTINGENCY PLAN	√ M:	S		87/1-, 97
71.4.2.7	RECEIVE SUPERVISOR NOTICE OF EMERGENCY DECLARED AND CONTINGENCY PLAN INVOYED	V M.	S		3 7/14 97
11.4 2.8	REVIEW CONTINGENCY CHECKLIST ON STATIC DISPLAY				07. t _a , 37
[1,4,2 9	INFORM DESIGNATED FERSONNE', OF SPECIAL CCADITION/ EMERGENCY	v: m	G S C V I O		£7/14/97
11.4 2.10	RECEIVE NOTICE OF TERMINATION OF SECCIAL CONDITION/ EMERGENCY	. !	د ن ن ن		87114, 87
1,4,2,11	FORWARD NOTICE OF TERMINATION OF SPECIAL COLDITION/ EMERGENCY	v M	G U S P V O		77, 14 gT
11.4.2.12	DELETED				07/22/26
T1.4.2.13	OBSETTE TERMINATION OF SPECIAL CONDITION/ EMERGENCY				72/81/96
11,4,2,14	RECEIVE PILOT NOTICE OF EMEMGENCY DECLARED	v	ρ		81787798
T1,4,3	RESPONDING TO SECTAL OPERATIONS				87/14 (g)
77,4,3,1	RECEIVE NOTICE OF SPECIAL OFERATION	V M	[G, D; S, C] F		87/34.gr

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		Voice Function Mail Automated Coord.	Local Controller Clound Controller Clearance Delivery Tower Supervisor ACF Controller Flight Service Pliot Vehicle Operator ACF Area Supervisor AC		
T1,4,3,2	PERCEIVE PRESENCE OF SPECIAL OPERATION				07/ 14/1
T1.4.3.3	INFORM OTHERS OF SPECIAL OPERATION	v M	G ₁ 0 S:^,F		07/14/1
T1.4.3.4	CONDUCT SPECIAL COFRATION ACTIONS				£7/14/1
71,4,3,5	RECLIVE NOTICE OF TERMINATION OF SPECIAL OPERATION	V: ,M	G:D.S.C.F		57/14/1
*1.4.3.6	ENTER TERMINATION OF SPECIAL OPERATION				22/07/
T1.4.4	PROCESSING FLIGHT PLAN AMENOMENTS				27/14/
71,4,4,1	RECEIVE FLIGHT PLAN AMENOMENT VERBALLY FORWARDED	V	C D F		27/14,
71.4.4.2	CETERMINE NEED FOR FLIGHT PLAN AMENDMENT				27/14/
1,4,4,3	RECEIVE FLIGHT PLAN AMENUMENT FROM COMPUTER				3 7/14/
-1,0,4,4	EMPHASIZE FOE POSTING FOR REMINDER ACTION				27/14
~1.4.4.5	FNTER FLIGHT PLAN AMENDMENT				2271a,
*1.4.4.6	FORHARD FLIGHT PLAN AMENDMENT VERBALLY	V	G D :F	· · · · · · · · · · · · · · · · · · ·	27/14/
71,4,4,7	RECEIVE CONTROLLER ADVICE OF UNABLE FLISHT FLAN AMENDMENT	.∕ M	GC C		877147
71,4.4.3	DELETE FOE EMPHASIS				27/27
71,4,4,9	INFORM CONTROLLER UNABLE FILIGHT PLAN AMENOMENT	v M	G.D. C.		87/87/
*1.4.4.10	TRANSFER FDE 10 CLEARANCE DELIVERY/ FLIGHT DATA FOR AMENOMENT	F ₁	D		87/14/
11,4,5	RESPONDING TO REQUESTS FOR TRANSFER OF CONTROL				27/14/
*1,4,5,1	RECEIVE HANDOFF REQUEST	V: F	c, .		27/14
11.4 5.2	DENY HANDOPF	√. E		4 4	07/14
71.4.5.3	ACCEPT VERBAL HANDOFF/ INITIATE MANUAL TRACK START	V:	C		37/12/
T1, 5.4	ACCEPT AUTOMATIC HANDOFF	F			87/14/
11.4.5.5	VERIFY COMMUNICATIONS WITH PILOT ON TRANSFER OF CONTROL	v.			8.7/14/

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		Volce Function Mail Automated Coord.	Local Controller Ground Controller Ground Controller Clearance Cellvery Tower Supervisor ACF Controller Heather Service Pilot Venicle Operator ACF Area Supervisor ACF Area Condination Meteorologist		
T1,4.5.6	VERIFY AIRCRAFT ALTITUDE WITH PILOT ON TRANSFER OF CONTROL	V	IP:		Ø 7/14/8
11.4.5.7	DETERMINE RESPONSE TO HANDOFF REQUEST				07/07/6
T*.4.6	INITIATING TRANSFER OF CONTROL/ RADAR IDENTIFICATION				0 7/07/8
⁷ 1 4.5,¹	DETECT MANUAL HANDOFF MODE INDICATION				07/14/E
[™] 1,4,8,2	ISSUE CHANGE OF FREQUENCY TO PILOT		P P		07/14/8
71.4.6.3	INITIATE HANDOFF FUNCTION	F	С		07/12/8
*1,4,8,4	CBSERVE AUTOMATIC INITIATION OF HANCOFF				87/14/8
*16.5	CETECT HANDOFF ALERT INDICATION				B7/20/8
້ຳ.⇒.ຍີ.ອີ	RETRAUL HANCOFF	• F			27, 14, 1
**.+.6.7	RECEIVE HANDOFF REJECTION	7 F	C		87/14/9
11.4.5.8	RECEIVE HANDOFF ACCEPTANCE	/ F			87 1478
⁷⁷ .≖.ä.9	DISCUSS TRANSFER OF CONTROL WITH OTHER CONTROLLER				07/14 , 5
11.4.6.1 8	ISSUE CHANGE TO VER BEACON CODE ASSIGNMENT	/			37/14 /6
*1,4.5.11	INITIATE VERBAL HANDOFF	V	(c)		82/12, 9
~1.4.7	ISSUING POINTOUTS				27/14/1
11,4,7,1	INITIATE POINTOUT	F			27/14/9
.⊶.7.2	OBSERVE AUTOMATIC INITIATION OF POINTOUT TO ANOTHER CONTROLLER				37/32/3
*1.4.7.3	CETECT MANUAL POINTOUT MCCE INDICATION			•	8271279
11,4,7,4	PERCEIVE NO ACTION ON POINTOUT				87/28/9
11,4,7.5	RECEIVE REJECTION OF POINTOUT	V F	С		87/14/8
*1.4.7.6	RECEIVE ACCEPTANCE OF POINTOUT	v F			07/1×/8
11.4.7.7	DISCUSS POINTOUT WITH OTHER CONTROLLER	y	c		f17/14/9
71.4.8	RESPONDING TO POINTOUTS				47
11.4.8 1	RECEIVE POINTOUT	v. f.			07/14/6
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		Voice Function Mail Automated Coord.	local Controller Ground Controller Ground Controller Clearance Delivery Tower Supervisor ACF Cortroller Weather Service Plot Vehicle Operator ACF Area Supervisor ACF Area Supervisor ACF Area Supervisor ACF Area Supervisor ACF Area Condination Meteorologist		
T1.4.8.3	- :EPT VERBAL POINTGUT/ S.ART TRACK DENY POINTGUT	V	c		07/14/87 07/14/87
T1.4.9.5	TRANSFER FDE TO OVERFLIGHT LIST				07/09/87
71 4.8.6	CETERMINE RESPONSE TO POINTOUT				07/07/88
T1.4.9	ISSUING CLEARANCES APPROVE CLEARANCE REQUEST	V: MI	Ci P		Ø7/14/87 Ø7/14/87
*1.4.9.2	FORMULATE A CLEAPANCE WITH APPROPRIATE INSTRUCTIONS				67/14/87
71.4 9.3	CENY CLEARANCE REQUEST	Vi Mi			37/14/67
71,4,9,4	ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT		P		37/11/87
*1.4.9.5	ISSUE CLEARANCE THROUGH F3S/ ACF/ OTHER PILOT FOR RELAY TO PILOT	V; M;	C'F P		Ø7/14/87
1.4.9.6	VERIFY AIRCRAFT COMPLIANCE WITH CLEARANCE				<i>37,1</i> 97,88
71.4.9.7	CUERY PILOT REGARDING COMPLIA CE WITH CLEARANCE	v.	ρ		37/07/88
71,4,9,3	SUGGEST ALTERNATIVES TO CLEARANCE REQUEST FROM CONTROLLER	V 'M			37/14/37
71.4.3.9	SUGGEST CLEARANCE ALTERNATIVES TO PILOT				37/14/37
7,4,30	MANAGING AUTOMATED HANDOFF AND POINTOUT FEATURES				Ø7/Ø7/88
11,4,18,1	INHIBIT AUTOMATIC HANDOFF FOR ALL TRACKS OR FOR DESIGNATED TRACK				37/37/33
11.4.10.2	RESTORE AUTOMATIC HANDOFF FOR ALL TRACKS OR FOR DESIGNATED TRACK				<i>87/8</i> 7/86
₹1.4.18.3	RESTORE AUTOMATIC PGINTOUT FOR SECTOR/TRACK				<i>177077</i> 96
71,4,18,4	INHIBIT AUTOMATIC POINTOUT FOR SECTOR/ TRACK				07/07/66
11.5	ASSESS WEATHER IMPACT				07/12/68
11,5.7	RESPONDING TO SIGNIFICANT WEATHER INFORMATION				ที7, 14/87
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		Voice Function Mall Automated Coord.	Local Controller Grond Controller Grond Controller ACE Controller Flight Service Filoth Service Filoth Carvice		
Γ1.5.1.1	REQUEST WEATHER INFORMATION	VI	G;D,S,C; W		07/19/88
T1.5.1.2	RECEIVE WEATHER ADVISORY FROM ANOTHER CONTROLLEP/ SUPERVISOR	V	GDSC		Ø7/2Ø/88
T1.5.1.3	CBSERVE SIGNIFICANT AERONAUTICAL AND METEOROLOGICAL GATA				07/20/8
T1.5.1.4	RECEIVE PIREP ON WEATHER	V	F- P-		37/14/8
11.5.1.5	ENTER PIREP INTO SYSTEM				37/14/8
T1.5.1.6	OBSERVE WEATHER AREA/ INTENSITY/ CEILING/ BASE/ HEIGHT/ MOVEMENT/ VISIBILITY/ WINDS				67/14/8
71.5.1.7	DETERMINE WHITHER ANOTHER CONTROLLER OR PILOT NEEDS WEATHER ADVISORY				07/14/8
(1.5.1.8	ISSUE WEATHER/ ADVISORY/ UPDATE TO PILOT/ ANOTHER CONTROLLER	V	S; SiC; P; P;		37/37/3
71.5.1.9	FORWARD WEATHER INFORMATION TO SUPERVISOR	V M	Si		37/14/8
T1.5.1.10	FORWARD URGENT PIREP TO OTHER CONTROLLER	VI F MI	G; D: S; C!		07/12/8
71.5.2	PROCESSING WEATHER REPORTS				07/14/8
T1.5.2.1	DISCUSS ACTIONS TO RESPOND TO RIMMAY/ TAXIMAY CHANGE	v	G; S		87/14/6
T1.5.2.2	RECLIVE REQUEST TO OUTAIN PIREP	V M	G. sic.		07/14/8
Г1.5.2.3	GECEIVE WEATHER REPORT/	V M	F.W.		37/14/3
11.5.2.4	RECORD WEATHER COSERVATION				27/14/8
71.5.2.5	RECEIVE HURSHAY CONDITION DATA	V			87/20/6
71.5.2.6	REQUEST PIREP	v			ð7/14/8
T1.5.2.7	FCRWARD RUNWAY CONDITION DATA	V ₁ N;			87/08/8
T1.5.2.8	DETERMINE WHETHER RUMBAY CONDITIONS HAVE CHANGED				07/14/6
T1.5.2.9	CONTERMING WELLTER CONTROL ZONE IS IFR/ VFR				67/14/3

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		Voice Function Mail Automated Coord	Local Controller Ground Controller Clearance Delivery Colear Supervisor ACF Controller Flight Service Weather Service Pilot Vehice Operator ACF Area Supervisor ACF Area Managor ACF Area Managor ACF Area Managor ACF Area Managor ACF Area Coordination Metecrologist		
T1.6	MANAGE LOCAL CONTROLLER POSITION RESOURCES				Ø7/12/88
T1.6.1	BRIEFING RELIEVING CONTROLLERS				Ø7/14/87
T1.6.1.1	BRIEF RELIEVING CONTROLLER	V			Ø7/14/87
71.6.1.2	BROADCAST NOTICE OF FACILITY STATUS	v	P		07/14/87
T1.6.1.3	SIGN OFF AT CONSOLE				37/16/07
T1.6.1.4	VERIFY COMPLETENESS OF RELIEF BRIEFING RECEIPT				07/14/87 07/14/87
T1.6.2	ASSUMING POSITION RESPONSIBILITY				07/14/87
₹1.6.2.1	SET UP TPC ADAPTATION PARAMETERS				87/14/87
T1.5.2.2	RECEIVE CONTROLLER RELIEF BRIEFING	ν ₁			07/14/37
T1.6.2.3	CHECK DISPLAY FOR PROPER CONTINUATION, USABILITY, AND SATISFACTORY STATUS				C7/14/87
T1.6.2.4	SIGN ON AT DESIGNATED				<i>0</i> 7/14/87
T1.6.2.5	REQUEST IMPLEMENTATION OF TPC ADAPTATION PARAMETERS				Ø7/14/87
T1.5.2.6	ADJUST PARAMETERS AND DISPLAY TO PERSONAL PREFERENCE				<i>07/</i> 14/87
11.6.2.7	REVIEW SYSTEM STATUS TO PETERMINE CURRENCY/ UPDATE SELF				Ø7/Ø7/88
71.6.2.8	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER				#7/#7/88
71.6.3	MANAGING PERSONAL WORKLOAD				<i>191</i> /14/87
71,6,3,1	DETERMINE IMPENDING CONTROLLER OVERLOAD				87/14/8 7
T1.6.3.2	INFORM SUPERVISOR OF POTENTIAL OVERLOAD CONDITION	V	S		ศ7/14/87
11.6.3.3	RECEIVE SUPERVISOR NOTICE TO COMBINE/ DECOMBINE POSITIONS	V M			07/14/87
11.6.3.4	PROUEST ASSISTANCE OR RELIEF	V ₁			BJ/14/87
11.6 3.5	REQUEST CHANGE OF AIRPORT ACCEPTANCE RATE	V	Sici		<i>1</i> 17/14/87
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RECCOME CONT	EPONCING TO POSITION CONFIGURATIONS CONFIGURATIONS CONFIGURATION COMBINATION C	Voice	no 13:000.1	Waii	Authorities Con a.		Local Centroller Ground Controller	Slearance Utlivery Tower Suparison	ACF Controller Flight Service	leather Service	ACF Area Supervisor	Traffic Management Other Coordination	Mateorologist							07/14/87 07/14/87 07/14/97
RECC CONT	CONFIGURATIONS ADDUCT POSITION ADDUCT POSITION ADDINATION/ COMBINATION COMBINAT																			Ø7/14/87
T1.6.4.1 CONT COME COME COME COME COME COME COME COME	ROUCT POSITION REINATION/ COMBINATION COMB							5		P										07/14/9 7
T1.5.4.2 OBSER CONFINENCE CONFINE	SERVE TPC WFIGURATION IN SPONSE TO WFIGURATION MESSAGE STATING AIRPORT SHTING SYSTEMS SEIVE REQUEST TO MIPULATE AIRPORT SHTING SYSTEM WERNINE NEED TO MIPULATE AIRPORT SHTING SYSTEM W REQUEST TO MIPULATE AIRPORT SHTING SYSTEM W REQUEST TO MIPULATE AIRPORT SHTING SYSTEM WERNING SYSTEM							S		P										
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T1.6.5.3 CEMMANN LIGHT T1.6.5.4 ENTE SYST T1.6.5.5 SWITT T1.7.1 RESE T1.7.1 DETE OF 1 T1.7.1.2 ENTE MANN T1.7.1.3 RECE MANN T1.7.1.4 HORE MANN T1.7.1.4 LORING T1.7.1.4 LORING T1.7.1.4 LORING T1.7.1.5 EXECT MANN T1.7.1.6 EXECT T1.7.1.7 EXECT T1.7.1.8 EXECT T1.7.1.9 EXECT T1.7.1.1 T1.7.1.2 EXECT T1.7.1.2 EXECT T1.7.1.3 RECE T1.7.1.3 RECE T1.7.1.4 EXECT T1.7.1.4 EXECT T1.7.1.4 EXECT T1.7.1.4 EXECT T1.7.1.4 EXECT T1.7.1.5 EXECT T1.7.1.6 EXECT T1.7.1.7 EXECT T1.7.	NIPULATE AIRPORT SHTING SYSTEM OF REQUEST TO NIPULATE AIRPORT SHTING SYSTEM TER AIRPORT LIGHTING	V:		MI					i 5	; I	- 1	; !		!!	!	1 ! !	: :			37/ 14/87
T1.6.5.4 ENTE SYST T1.6.5.5 SWITT SYST T1.7 RESE EQUIT T1.7.1.1 DETE OF 1 T1.7.1.2 ENTE MANU OTHE T1.7.1.4 FOR MANU T1.7.1.4 FOR MANU T1.7.1.4 EXECUTE T1.7.1.4 EXECUTE T1.7.1.4 FOR MANU T1.7.1.4 EXECUTE T1.7	NIPULATE AIRPORT SHIING SYSTEM FER AIRPORT LIGHTING	V		MI			 , :		1;											37/14/ 37
T1.6.5.5 SWIT SYST SWITT SYST SYST SWITT SYST SYST SYST SYST SYST SYST SYST S			j !	,				s		p										Ø7/14/87
T1.7 RESP EQUITION T1.7.1.1 DETE OF 1 T1.7.1.2 ENTE MANU OTHE T1.7.1.4 FOR MANU T1.7.1.4 FOR MANU T1.7.1.4 EXECUTE T1.7.1.2 EXECUTE T1.7.1.4 EXECUTE T1.7.1.4 FOR MANU T1.7.2 EXECUTE T1.7.1.2 EX			; ; ;														 			£7/14/37
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T1.7.1.1 DETE OF 1 T1.7.1.2 ENIS MANY OTHE MANY OTHE MANY 11.7.1.4 FORL MANY 11.7.2 EXEC	SPOND TO SYSTEM/ JIPMENT DEGRAGATION																			97/12/98
T1.7.1.2 ENIS MANY T1.7.1.3 RECG MANY OTHER T1.7.1.4 FOR MANY T1.7.1.4 EXECUTE:	SPONDING TO TRANSIENT CO FAILURES																			57/14/87
T1.7.1.3 RECE MANY OTHER MANY MANY MANY MANY MANY MANY MANY MANY	TECT NON-ACCEPTANCE INPUT DATA																			07/14/6
11.7.1.4 FORI MANI 11.7.2 EXEC	FER INPUT DATA MUALLY ON CONSOLE																			ช//13/88
11.7.2 EXE	CEIVE INPUT DATA WALLY FORWARDED FROM HER TPC															:				67/14/et
	ATAD TUPUT DATA DOT STHIO OT YLLAUW													. [. l ! j	!					@7/14/8:
	COUTING BACKUP OCFOURES FOR TPC FLURES																			67/14/8)
	CEIVE NOTICE OF TPC	٧		m			G	ខ្យន												07/14/3
	TECT OCCURRENCE OF C FAILURE																			07/14/g:
	RWARD NOTICE OF JIPMONI STATUS	V		M			3	n s												07/07/38
PRC:	ECUTING BACKUP																			∂7/14/81
	DOEDUPES FOR TOUC HUNES	1														\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				

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Task Number	Yask Statement	Coordination Media	Coordinatees	Transition State	Revisio Dote
		Volce Function Mail Automated Coord.	Local Controller Ground Controller Clearance Delivery Tower Supervisor AGS Controller Flight Service Pilot Vohicle Operator AGS Area Management Other Coordination Meteorologist		
T1.7.3.1	RECEIVE NOTICS OF TOCC	V	GIDIS		07/11/0
11.7.3,2	FAILURE GETECT OCCURRENCE OF				07/14/8
	TCCC FAILURE				07/14/8
71.7.3.3	REVERT TO TOCO BACKUP PROCEDURES (TBD)				£7/14/8:
11.7.3.4	VERIFY COMPUTER ACTION DURING TRANSITION STAGES	V M	S C		17/14/E
T1.7.3.5	RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES	V M	S C		Ø7/14/8:
T1.7.4	EXECUTING BACKUP PROCEDUMES FOR NAVAID FAILURES				07/14/8
T1.7.4.1	DETECT NAVAID FAILURE				87/14/8)
T1.7.4,2	INFORM PILOT OF NAVAID STATUS	V			07/14/8
Ti.7.5	EXECUTING BACKUT PROCEDURES FOR COMMUNICATION FAILURES				87/14/8
11.7.5.1	DETECT COMMUNICATION FAILURE	V:			07/20/6
11.7.5.2	REVERT TO LIGHTGUN COMMUNICATION PROCEDURES				Ø7/14/3
n.7.5.3	SHITCH TO BACKUP RADIO/ FREQUENCY				07/14/9
11.7.5.4	ADJUST COMMUNICATION PATH 10 ACCOMMODATE FAILURE/ OVERLOAD				Ø7/14/9
11.7.5.5	RECEIVE NEW PREQUENCY ASSIGNMENT	V M			Ø7/14/8
T1.7.5.5	RECEIVE NOTICE OF ALTERNATE COMMUNICATION PATH	v	610 ¹ 51 ² 5		∄7/14/8
~·.7.5.7	FORMARO NOTICE OF COMMUNICATION STATUS	V. te.	; G ₁ D S ₁ C P'		87/14/B
71.7.5.8	FORUMRO NEW FREQUENCY ASDIGNMENT	V	G D S C		B7/14/8
T1.7.5.9	FORWARD ALTERWATE COMMUNICATION PATH	v M!	6 0 5 C 1		07/14/8
11.7.6	EXECUTING BACKUM PROCEDURES FOR SEMSOR/ TRACKING FAILURES				Ø2/14/8
11.7,6.1	DETECT SEMBORY TRACKING FAILURE				87/14/6
11.7.6.2	REVERT TO NOW PADAS PROCESURES				87/14/E
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		Voice	Function	Mail	Automated Coord		local Controller Ground Controller Clearance Delivery Clearance Delivery Act Controller Flight Service Weather Service Weather Service Weather Service Weather Service Weather Service Weather Service Weather Service Weather Service Weather Service Act Area Managent Act Area Managent Meteorologist	
T1.7.6.3	REQUEST FLIGHT PLAN EXTRAPOLATION FOR A							07/14/87
T1 7.5.4	TRACK OUSERVE EXTRAPOLATED FLIGHT PLAN POSITION ON A TRACK							0 7/14/87
71.7.6.5	SUPPRESS FLIGHT PLAN EXTRAPOLATION FOR A TRACK					1		Ø7/14/87
71.7.7	RESPONDING TO TRANSIENT COMMUNICATION FAILURES							07 /14/87
T1.7.7.1	RECEIVE NOTICE OF TRANSIENT COMMUNICATION FAILURE	V		M			S P'	Ø7/14/87
T1.7.7.2	DETECT TRANSIENT COMMUNICATION FAILURE							07/14/87
T1.7.7.3	REQUEST COMMUNICATION CHECK FROM OTHER POSITION/ AIRCRAFT/ AGENCY	٧		M			GDSCPOO	07/14/87
71.7.7.4	RECEIVE COMMUNICATION CHECK FROM OTHER POSITION/ AIRCRAFT/ AGENCY	V	1 1					2 7/14/87
T1.7.8	RESPONDING TO AIRPORT EQUIPMENT FAILURES					i 		37/14/8 7
T1.7.8.7	C9SERVE FAILURE OF AIRPORT EQUIPMENT							Ø7/14/87
71.7.8.2	INMIBIT PROCESSING OF DATA FROM FAULTY SEMSOR							Ø7/14/87
T1.7.8.3	RESTORE PROCESSING OF DATA FROM AIRPORT SENSOR					: 		07/14/97
T1.7.3	RESPONDING TO ACCC FAILURES					:		07/14/ 87
T1.7.9.1	DETECT TOOC STAND-ALONE MODE INDICATOR		}	i				07/14/8 7
T1.7.9.2	PEOFIVE NOTICE OF ICCC -NO-ALONE MODE	νį		М				07 /14/37
T1.7.9.3	IN ORM SUPERVISOR OF TOOC STAND ALONE MODE	v,		M				07/14/07
T1.7.9.4	RECEIVE NOTICE OF ACE BACKUP MODE	٧		M			s;c;	Ø7/14/87
71.7.9.5	REVERT TO ACCC DEGRADED PROCEDURES (TBD)							07/14/87
T1.7.9.6	REVERT TO ACCC BACKUP PROCEDURES (TBD)							87/14/87
T1.7.9.7	REVERT TO TOCC STAND-ALONE MODE PROCEDURES (TBD)					: :		07/14/ 87

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		Volce Function Maii Automated Coord. Local Controller Ground Echtroller Glearance Delivery ACF Controller Flight, Service Plot Vehicle Operator ACF Area Supervisor ACF Area Supervisor ACF Area Management Traffic Management Other Coordination Meteorologist.		
T2 T2.1	GROUND CONTROLLER PERFORM GROUND SITUATION MONITORING			Ø7/12/88 Ø7/12/88
T2.1.1	ESTABLISHING/ MAINIAINING POSITIVE AIRCRAFT/ VEHICLE IDENTIFICATION			Ø7/14/87
T2.1.1.1	RECEIVE PILOT/ OPERATOR POSITION REPORT	v:		Ø7/14/87
T2 1.1.2	OBSERVE AIRCRAFT/ VEHICLE AT REPORTED POSITION			07/14,87
T2.1.1.3	FORWARD POSITION REPORT TO OTHER CONTROLLER	VI MI		D7/14/87
T2.1.1.4	VERIFY AIRCRAFT/VEHICLE IDENT[FICATION			8 7/14/87
T2.1.1.5	OBSERVE AIRCRAFT/ VEHICLE PROGRESS THROUGH MOVEMENT AREA			Ø7/14/87
T2.1.1.6	REQUEST PILOT/ OPERATOR POSITION REPORT	V		ઇ//14/8/
72,1,1,7	PROJECT AIRCRAFT/ VEHICLE PLANNED TIME/ POSITION PROFILE MENTALLY			07/14/37
72.1.1.g	SEARCH ASDE FOR SPECIFIC AIRCRAFT/ VEHICLE LOCATION			0 7/14/67
T2.1.1.9	OBSERVE ASDE FOR AIRCRAFT/ VEHICLE PROSRESS THROUGH MOVEMENT AREA			9 7/14/87
T2,1,1.16	RECLIVE POSITION REPORT RELAYED FROM OTHER CONTROLLER	Vi 1 H		07/14/97
T2.1.2	CHECKING AND EVALUATING TRAFFIC MOVEMENT			07/14/187
T2.1.2.1	DETERMINE IF POTENTIAL AIRCRAFT/ VEHICLE CONFLICT EXISTS			0 7/14/27
T2.1.3	RECEIVING ENVIRONMENT AND STATUS INFORMATION			0 7/14/87
T2,1.3.1	ACKNOWLEDGE ENVIRONMENTAL/ SYSTEM STATUS ALERT			Ø7/12/66
T2,1,3.2	OBSERVE DISPLAY OF NEW/ CHANGED SYSTEM STATUS DATA			0 7/14/87
T2.1.3.3	ORSERVE DISPLAY OF MEW/ CHANGED AFROMAUTICAL AND METEOROLOGICAL DATA			<i>07;</i> 14/87

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		Voice Function Mail Automated Coord. Local Controller Ground Controller Greanner Delivery	lower Supervisor ACE Controller Filght Service Weather Service Welicle Operator ACE Area Manager Traffic Management Other Coordination Meteorologist		
⁺ 2.1.3.4	COSERVE DISPLAY OF NEW/ CHANGED AIRPORT ENVIRONMENTAL DATA				07/14/ 87
T2.1.3.5	DETECT EQUIPMENT STATUS ALERT				Ø7/14/87
T2.1.3.6	RECEIVE NOTICE OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	V M	S P VI 0		07/14/87
τ2.1.3.7	INFORM OTHERS OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	V: M! D	S		£7/14/87
T2.1.3.8	DETECT AERCNAUTICAL AND METEOROLOGICAL ALERT				D7/14/87
T2.1.3.9	DETECT AIRPORT ENVIRONMENTAL DATA ALERT				Ð7/14/87
T2.1.3.10	OBSERVE SYSTEM STATUS DIRECTLY				02/07/86
T2,1,4	HOUSEKEEP ING				₩7/14/87
T2.1.4.1	ENTER CONTROLLER NOTE				07/07/88
72.1.4.2	CELETE CONTROLLER NOTE				37/07/88
T2.1.4.3	ENTER FDE NGTATIONS				97/07/88
T2.1.4.4	DELETE FDE NOTATIONS				97/97/88
T2.1.4.5	SELECT FDE SORTING PRIORITY SCHEME				Ø7/14/87
72.1.4.6	REQUEST FOE FROM ANOTHER POSITION	V F D			37/14/87
T2.1.4.7	SUPPRESS FLIGHT DATA ENTRY FROM DISPLAY				27/14/87
T2.1.4.8	RESTORE FLIGHT DATA ENTRY TO DISF.AY				Ø7/14/87
T2.1.4.9	DELETE FDE FROM TOCO SYSTEM				Ø3/11/8ē
T2.1.4.10	UPDATE/REVISE CONTROLLER NOTE				07/12/88
T2.2	CONTROL AIRCRAFT/ VEHICLE GROUND MOVEMENT				B7/12/88
T2.2.1	RESPONDING TO FLOW CONSTRAINTS				Ø7/14/87
12.2.1.1	OBSERVE EDCT IN FDE				07/14/87
12.2.1.2	CHOOSE DESIRED SEQUENCE				07/14/87 07/14/87
T2.2.1.3	ISSUE TAXI INSTRUCTIONS TO EFFECT DESIRED SEQUENCE	v	P		дуу (4/87 Ø7/14/87
T2.2.1.4	ISSUE INSTRUCTIONS FOR BROUND HOLD	v	P		07/14/87

T2.2.1.5 DISCUSS GROUND DELAY TECHNIQUE MITH PILOT T2.2.2.1 CSSERVE GROUND TRAFFIC DEVIATIONS T2.2.2.2 RECEIVE NOTICE OF GROUND TRAFFIC DEVIATION DIRECTLY T2.2.2.2 RECEIVE NOTICE OF GROUND TRAFFIC DEVIATION DIRECTLY T2.2.2.3 INFORM OTHER CCNTROLLER/ SUPERVISOR OF GROUND TRAFFIC DEVIATION T2.2.2.3 INFORM OTHER CCNTROLLER/ SUPERVISOR OF GROUND TRAFFIC DEVIATION		Dote 07/14/87
T2.2.1.5 DISCUSS GROUND DELAY TECHNIQUE WITH PILOT T2.2.2 PROCESSING GROUND TRAFFIC DEVIATIONS T2.2.2.1 CSSERVE GROUND TRAFFIC DEVIATION DIRECTLY T2.2.2.2 RECEIVE NOTICE OF GROUND TRAFFIC DEVIATION T2.2.2.3 INFORM OTHER CCNTROLLER/ SUPERVISOR OF GROUND TRAFFIC		0 7/14/87
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T2.2.2.1 CSSERVE GROUND TRAFFIC DEVIATION DIRECTLY T2.2.2.2 RECEIVE NOTICE OF GROUND TRAFFIC DEVIATION T2.2.2.3 INFORM OTHER CONTROLLER/ SUPERVISOR OF GROUND TRAFFIC		07/14/87
GROUND TRAFFIC DEVIATION T2.2.2.3 INFORM OTHER CCNTROLLER/ SUPERVISOR OF GROUND TRAFFIC		Ø7/14/87
CCNTROLLER/ SUPERVISOR OF GROUND TRAFFIC		ม7/14/87
		0 7/14/87
T2.2.2.4 QUERY PILOT/ GPERATOR/ VI MI Li P.VI CONTROLLER REGARDING SPOUND TRAFFIC DEVIATION		07/14/87
T2.2.2.5 DETERMINE NEW POSITION IN GPOUND TRAFFIC SEQUENCE		07/12/88
T2.2.2.5 DETERMINE MANEUVER TO ESTAULISH/ RESTORE SEQUENCE		87/14/87
T2.2.2.7 CETERMINE APPROPRIATE ACTION IN RESPONSE TO GROUND TRAFFIC DEVIATION		Ø7/14/€7
T2.2.2.8 CBSERVE GROUND TRAFFIC CEVIATION ON ASCE DISPLAY		₫7/14/67
T2.2.2.9 ISSUE INSTRUCTIONS TO V. P.V. RECOVER FROM CROUND TRAFFIC DEVIATION		∂7/14/§7
T2.2.2.18 OBSERVE AIRCRAFT/ VEHICLE RESUMING CONFORMANCE DIRECTLY		07/14/97
72.2.2.11 OBSERVE DISPLAY OF AIRCRAFT/ VEHICLE RESUMING CONFORMANCE		07/14/87
T2.2.2.12 INFORM OTHER GROUND VI PIV PIV TRAFFIC OF GROUND TRAFFIC DEVIATION		07/09/37
T2.2.3 ESTABLISHING DEPARTURE SEQUENCES		07/14/97
T2.2.5.1 RECEIVE PILOT REQUEST V: PFGR TAXI INSTRUCTIONS		B7/14/67
72.2.3.2 RECEIVE FOE OF DEPARTUPE AIRCRAFT		ปี7/14/37
T2.2.3.3 RECEIVE PILOT REQUEST V. FOR PUSHBACK/ PUWERBACK INSTRUCTIONS		67/14/87
T2.2.3.4 REVIEW DEPARTUPE LIST TO UPTIMIZE SEQUENCE		07/14/87

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		TASK STATEMENTS		عندرد دروس
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		Voice Function Mail Automated Coord. Local Controller Clearance Dellvery Timer Supervisor ACF Controller Filght Service Pilot Vehicle Operator ACF Area Supervisor AC		
				1
T2.2.3.5	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED DEPARTURE			ø7/14/87
T2.2.3.6	REVIEW DISPLAY OF TRAFFIC MANAGEMENT RESTRICTIONS FOR EFFECT ON SEQUENCE			2 7/14/87
T2.2.3.7	RESEQUENCE FDE MANUALLY			27/07/83
T2.2.3.8	INFORM PILOT OF CURRENT ATIS (WIND/ ALTIMETER/ RUMWAY IN USE)	v		87/2 8 /89
T2.2.3.9	ISSUE INSTRUCTIONS FOR PUSHBACK/ POWERBACK			07/20/68
T2.2.3.10	VERIFY PILOT HAS CURRENT ATIS	VI		87/14/87
T2.2.3.11	TRANSFER FDE TO OTHER CONTROLLER	F · ·		37/14/87
T2.2.3.12	DISCUSS SEQUENCING WITH LOCAL CONTROLLER			87/14/87
T2.2.3.13	ENTER RUMMAY ASSIGNMENT FOR AIRCRAFT			77/14/97
T2.2.3,14	ENTER TAXI START TIME			37/89/87
T2.2.4	RESPONDING TO MOVEMENT AREA CLOSURES/ REOPENING			57/12/88
T2.2.4.1	RECEIVE NOTICE OF MGVEMENT AREA CLOSURE/ REOPENING	VI MI		37/14/87
₹2.2.4.2	CBSERVE DISPLAY OF MOVEMENT AREA STATUS CHANGE			87/14/67
T2.2.4.3	ENTER SYSTEM ENVIRONMENTAL AND STATUS DATA CHANGE MESSAGE			37/14, 37
T2.2.4.4	REQUEST RELEASE OF CLOSED MOVEMENT AREA	V. M. S		87/14/67
T2.2.4.5	ISSUE INSTRUCTIONS TO DIVERT TRAFFIC AROUND CLOSED MOVEMENT AREA	v		87/14/87
T2.2.4.6	RECEIVE RELEASE/ USE OF CLOSED MOVEMENT AREA	V M V V		87/14/87
T2.2.4.7	RECEIVE OFNIAL OF USE OF CLOSED MOVEMENT AREA	VI M:		87/14/87
12.2.5	RESPONDING TO GROUND MOVEMENT REQUESTS			67/14/87
T2.2.5.1	RECEIVE PILOT/ VEHICLE OPERATOR REQUEST FOR MOVEMENT IN/ THROUGH MOVEMENT AREA	v;		87714/5.7
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		Voice Function Mail Automated Coord.	Local Controller Ground Controller Ground Controller Clearance Delivery Tower Supervisor ACF Controller Flight Service Pilot ACF Area Supervisor ACF Area Ranager Traffic Management Other Coordination Meteorologist	
1	DETERMINE NEED FOR TEMPORARY RELEASE OF MOVEMENT AREA UNDER DTHER CONTROL			87/14/97
T2.2.5.3	ISSUE INSTRUCTION TO HOLD SHORT OF ACTIVE RUMMAY	v	PV	07/14/ 37
₹2.2.5.4	REQUEST TEMPORARY RELEASE OF MOVEMENT AREA	VI MI		Ø77 14/87
T2.2.5.5	OISCUSS RELEASE OF MOVEMENT AREA WITH OTHER CONTROLLER	V 1 1 1 1 1 1 1 1 1		Ø7/14, 87
12.2.5.6	RECEIVE DELAY OF TEMPORARY RELEASE OF MOVEMENT AREA	v. M.		07/14/87
T2.2.5.7	RECEIVE DENIAL OF TEMPORARY USE OF MOVEMENT AREA	V M		ð7/14/87
T2.2.5.8	RECEIVE APPROVAL OF TEMPORARY USE OF MOVEMENT AREA	V! M!		07/14/87
T2.2.5.9	ISSUE APPROVAL/ INSTRUCTIONS FOR GROUND MOVEMENT		9 V.	07/14/87
72.2.5.10	DEHY GROUND MOVEMENT REQUEST	v.	Piv	07/14/6
T2.2.5.11	ENTER REMINDER OF TEMPORARY MOVEMENT AREA RELEASE			87/12/ €
T2.2.5.12	CETERMINE GROUND MOVEMENT COMPLETED			07/14/8
T2.2.5.13	FORWARD NOTICE OF RETURN OF RELEASED MOVEMENT AREA	V		Ø7/87/86
T2.2.5.14	DELETE REMINDER OF TEMPORARY MOVEMENT AREA RELEASE			Ø7/12/88
T2.2.6	RESPONDING TO REQUESTS FOR TEMPORARY RELEASE OF MOVEMENT AREAS			Ø7/14/2)
T2.2.6.1	RECEIVE REQUEST FOR TEMPORARY RELEASE OF MOVEMENT AREA	VI MI		07/14/67
12.2.6.2	OBSERVE CURRENT TRAFFIC IN MOVEMENT AREA			87/ 14/8
T2.2.6.3	EVALUATE FEASIBILITY OF RELEASING MOVEMENT AREA TEMPORARILY			07/07/3
TZ.2.6.4	FORWARD APPROVAL FOR TEMPORARY USE OF MOVEMENT AREA	V		Ø7/14/8

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		Voice Function Mail Automated Coord.	Local Controller Ground Controller Ground Controller Tolerarence Delivery Town Supervisor ACF Controller Flight Service Weather Service Plot Vehicle Operator ACF Arca Supervisor ACF Arca		
72.2.6.5	FORWARD DENIAL OF TEMPORARY USE OF MOVEMENT AREA	V; M			07/14/87
T2.2.6.6	RECEIVE RETURN OF MOVEMENT AREA TEMPORARILY RELEASED	V M			Ø7/14/87
T2.2.7	RESPONDING TO RUNWAY/ TAXIWAY USAGE CHANGES				87/14/87
T2.2.7.1	RECEIVE NOTICE OF RUMWAY/ TAXIWAY USAGE CHANGE	V! M;	S		Ø7/14/87
T2.2.7,2	CBSERVE DISPLAY CF RUNWAY/ TAXIWAY USAGE CHANGE				07/14/87
₹2.2.7.3	REVIEW SITUATION DISPLAY TO OPTIMIZE DEPARTURE SEQUENCE				37/14/8 7
₹2.2.7.4	DISCUSS ACTIONS TO RESPOND TO RUMMAY/ TAXIMAY CHANGE	v.	L		07/14/87
T2.2.8	MCNITORING NON-CONTROLLED OBJECTS				Ø7/14/87
T2.2.8.1	OBSERVE DIRECTLY A MOVEMENT AREA INTRUSION BY NON-CONTROLLED OBJECT				07/14/97
T2.2.8.2	RECEIVE NOTICE OF MOVEMENT AREA INTRUSION BY NON-CONTROLLED OBJECT	M	L DIS PV 0		07/14/97
T2.2.8.3	INFORM OTHER CONTROLLER/ SUPERVISOR/ IPAFFIC OF MOVEMENT AREA INTRUSION BY NON-CONTRULED OBJECT	V	L S P V		Ø7/12/88
12.2.8.4	OBSERVE NON-CONTROLLED OBJECT PROGRESS THROUGH MOVEMENT AREA				07/14/97
T2.2.8.5	OBSERVE NON-CONTROLLED OBJECT ON ASDE DISPLAY				ภ7/14/87
T2.2.8.S	RECEIVE REPORT UPDATE OF NON-CONTROLLED OBJECT MOVEMENT	V			07/20/88
T2.2.8.7	REQUEST RESPONSE FROM PILOT/ OPERATOR OF NON-CONTROLLED OBJECT	V	PV		67/22/86
T2.2.8.8	INFORM PILOT/ OPERATOR WHEN CLEAR OF NOW-CONTROLLED OBJECT	V	PV		07/09/8
T2.3	ROUTE OR FLAN FLIGHTS				07/12/8
T2.3.1	PLANNING AND ISSUING CLEARANCES				07/14/8

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		Voice Function Mail Automated Coord.	iocal Controller Ground Controller Clearance Delivery Town Supervisor ACF Controller Flight Service Weather Service Pilot Service Pilot Service Vehicle Operator ACF Area Supervisor ACF Area Supervisor ACF Area Condination Meteorologist		
T2.3.1.1	RECEIVE PILOT REQUEST FOR CLEARANCE	V			07/14/87
T2.3.1.2	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED CLEARANCE				Ø7/14/87
T2.3.1.3	TRANSFER FDE 10 CLEARANCE DELIVERY/ FLIGHT DATA FOR AMENDMENT	F			Ø7/14/60
72.3.1.4	FORMULATE & CLEARANCE WITH APPROPRIATE INSTRUCTIONS				27/14/2
T2.3.1.5	DENY CLEARANCE REQUEST	V1			Ø7/14/01
T2.3.1.5	ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT	v i i i i i i i i i i i i i i i i i i i			37/14/8
12.3.1.7	SUGGEST CLEARANCE ALTERNATIVES TO PILOT	v			07/14/8
T2.3.1.8	EMPHASIZE FDE FOR REMINDER ACTION				07/07/8
T2.3.1.9	DELETE FDE EMPHASIS				37/37/8
T2.3.2	RESPONDING TO SPECIAL CONDITIONS/ EMERGENCIES				27/14/8
T2.3.2.1	RECEIVE NOTICE OF SPECIAL CONDITION/ EMERGENCY	V	LI DISI PV 0		07/14/8
72.3.2.2	OBSERVE AIRCRAFT/ VEHICLE ABNORMALITY DIRECTLY				87/14/6
T2.3.2.3	PERCEIVE PRESENCE OF SPECIAL CONDITION/ EMERGENCY AURALLY	y	P V		07/14/8
T2.3.2.4	FORWARD SPECIAL CONDITION/ EMERGENCY INFORMATION TO SUPERVISOR/ OTHER CONTROLLER	V M M	L S		07/14/8
T2.3.2.5	DECLARE EMERGENCY AND INVOKE CONTINGENCY PLAN	V M	S		07/14/8
72.3.2.6	RECEIVE SUPERVISOR NOTICE OF EMERGENCY DECLARED AND CONTINGENCY PLAN INVOKED	V	Si		Ø7/14/2
12.3.2.7	ISSUE TAXI INSTRUCTIONS TO HOLD/ REROUTE GROUND TRAFFIC CLEAR OF SPECIAL CONDITION/ EMERGENCY	V	PV		Ø7/14/8
₹2.3.2.8	INFORM PILOT/ VEHICLE OPERATOR OF ABNORMAL AIRCRAFT/ VEHICLE CONDITION	v	PV		87/14/8

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		Voice Function Mail	Automated Coord.	coal Controller Ground Controller	Clearance delivery Tower Supervisor ACF Controller	Meather Service Pilot Vehicle Operator ACF Area Supervisor	Traffic Management Guier Coordination Meteorologist		
						30.244			
T2.3.2.9	ISSUE TAXI INSTRUCTIONS TO SPECIAL CONDITION/ EMERGENCY AIRCRAFT	V				PV			Ø7/14/87
T2.3.2.10	CONDUCT RAMP SEARCH FOR OVERDUE AIRCRAFT								Ø7/14/87
T2.3.2.11	REQUEST RAMP SEARCH FOR OVERDUE AIRCRAFT	V M			s		o		07/14/87
T2.5.2.12	ISSUE INSTRUCTIONS FOR REQUIRED DEPLOYMENT OF EMERGENCY EQUIPMENT	V: M		L	S	PV	0		ชี7/14/8ว
T2.3.2.13	RECEIVE NOTICE OF TERMINATION OF SPECIAL CONDITION/ EMERGENCY	V M		L	DIS	PV	0		07/14/8 ⁷
T2.3.2.14	FORWARD NOTICE OF TERMINATION OF SPECIAL CONDITION/ EMERGEMCY	V			D S	PV	0		₫7/14/87
τ2.3.2.15	REVIEW CONTINGENCY CHECKLIST ON STATIC DISPLAY								07/14/87
*2.3.2.16	INFORM LINATED PERSONNEL OF SPECIAL CONDITION/ EMERGENCY	V					0		07/20/68
T2.3.3	RESPONDING TO SPECIAL OPERATIONS								Ø7/14/87
T2.3.3.1	RECEIVE NOTICE OF SPECIAL OPERATION	VI		 L !	DIS				07/14/87
T2.3.3.2	PERCEIVE PRESENCE OF SPECIAL OPERATION								37/14/87
T2.3.3.3	INFORM OTHERS OF SPECIAL OPERATION	VI M		L	0 8	F			07/14/8
T2.5.3.4	CONDUCT SPECIAL OPERATION ACTIONS								67/14/8
T2.3.3.5	RECEIVE NOTICE OF TERMINATION OF SPECIAL OPERATION	V m		Į.	DIS	F			97/14/8
T2.3.3.6	ENTER TERMINATION OF SPECIAL OPERATION								32/07/3
T2.3.4	TRANSFERRING CONTROL RESPONSIBILITIES - DEPARTURE AIRCRAFT								07/14/8
T2.3.4.1	UBSERVE DEPARTURE AIRCRAFT IN PROPER POSITION IN DEPARTURE SEQUENCE								07/14/8
T2.3.4.2	DIRECT PILOT TO CONTACT/ MONITOR LOCAL CONTROLLER ON FREQUENCY	v				p			07/14/8
12.3.5	OBSERVING ARRIVAL AIRCRAFT								Ø7/14/8
T2.3.5.1	QUEERVE ARRIVAL AIRCRAFT ON SITUATION DISPLAY								Ø7/12/8

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an regiment	. 33.4 South ements	Voice Functior Mail Automated Coord.	tocal Controller Ground Controller Ground Controller Clearance Delivery Tower Supervisor ACF Controller Filght Service Pilot Vehicle Operator ACF Area Supervisor ACF Area Manager Toff Area Manager Toff Management Other Coordination Meteorologist	State	Date
T2.3.5.2	OBSERVE AIRBORNE AIRCRAFT DIRECTLY				07/14/87
T2.3.5.3	RECEIVE FOE OF ARRIVAL AIRCRAFT IN ARRIVAL LIST				07/14/67
T2.3.5.4	RECEIVE ARRIVAL AIRCRAFT ENTRY IN LAST AIRCRAFT TO LAND LIST				07/14/67
T2.4	ASSESS WEATHER IMPACT				17/12/98
72.4.1	RESPONDING TO SIGNIFICANT WEATHER INFORMATION				07/14/87
T2.4.1.1	REQUEST WEATHER INFORMATION	V	SI NI		07/14/87
T2.4.1.2	ISSUE WEATHER/ ADVISCRY/ UPDATE TO PILOT/ ANOTHER CONTROLLER	VI M	LI S PI		07/07/98
T2.4.1.3	RECEIVE PIREP ON WEATHER	V	F. P.		37/14/67
T2.4.1.4	OBSERVE WEATHER AREA/ INTENSITY/ CEILING/ BASE/ HEIGHT/ MOVEMENT/ VISIBILITY/ WINDS				87/14/87
T2.4.1.5	RECEIVE WEATHER ADVISORY FROM ANOTHER CONTROLLER/ SUPERVISOR	V	L		07/14/87
T2.4.1.6	OBSERVE SIGNIFICANT AERCNAUTICAL AND METEOROLOGICAL DATA				97/14/87
T2.4.1.7	ENTER PIREP INTO SYSTEM				07/14/87
12.4.1.8	DETERMINE WHETHER ANOTHER CONTROLLER OR PILOT NEEDS WEATHER ADVISORY				07/14/67
72.4.1.9	FORWARD WEATHER INFORMATION TO SUPERVISOR	V			07/14/87
T2.4.2	PROCESSING WEATHER REPORTS				07/14/87
T2.4.2.1	FORWARD RUNNAY CONDITION DATA	v			07/14/87
T2.4.2.2	RECFIVE REQUEST TO OBTAIN PIREP	V	Li S		07/14/87
12.4.2.3	RECEIVE WEATHER REPORT/ UPDATE	v m	F W		Ø7/14/97
12.4.2.4	RECORD WEATHER OBSERVATION				07/14/8/
T2.4.2.5	RECEIVE RUNWAY CONDITION DATA	V	L S P		07/14/87
12.4.2.6	REQUEST PIREP	V	P P		Ø7/14/87

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		Voice Function Mail Automated Coord.	Local Controller Condid Controller Clearance Delivery Tower Supervisor ACF Fontroller Flight Service Plight Service Plight Service ACF Area Supervisor ACF Area Manager Traffic Management Other Coordination Meteorologist		
T2.4.2.7	DISCUSS ACTIONS TO RESPOND TO RUMJAY/ TAXIMAY CHANGE	vI	L S;		02/25/86
T2.5	MANAGE GROUND CONTROLLER POSITION RESOURCES				<i>37/</i> 12/98
T2.5.1	BRIEFING RELIEVING CONTROLLERS				37/14/8 7
T2.5.1.1	BRIEF RELIEVING CONTROLLER	V	GI		07/14/87
T2.5.1.2	SIGN OFF AT CONSOLE				Ø7/14/87
T2.5.1.3	VERIFY COMPLETENESS OF RELIEF BRIEFING RECEIPT				57/21/87
T2.5.2	ASSUMING POSITION RESPONSIBILITY				Ø7/14/87
T2.5.2.1	SET UP TPC ADAPTATION PARAMETERS				37 714727
72.5.2.2	RECEIVE CONTROLLER RELIEF BRIEFING	V:	G:		M7/14/87
72,5.2.3	CHECK DISPLAY FOR PROPER CONFIGURATION, USABILITY, AND SATISFACTORY STATUS				07/14/97
⊺2.5.2.4	SIGN ON AT DESIGNATED CONSOLE				9 ′~4/87
T2.5.2.5	REQUEST IMPLEMENTATION OF TPC ADAPTATION PARAMETERS				87/ 4/87
72.5.2.6	ADJUST PARAMETERS AND DISPLAY TO PERSONAL PREFERENCE				Ø7/14/87
12.5.2.7	RÉVIEN SYSTEM STATUS TU DETERMINE CURRENCY/ UPDATE SELF				27/07/88
72.5.2.8	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER				07/07/88
T2.5.3	MANAGING PERSONAL WORKLOAD				07/14/67
T2.5.3.1	DETERMINE IMPENDING CONTROLLER GVERLOAD				Ø7/14/87
T2.5.3.2	INFORM SUPERVISOR OF POTENTIAL OVERLOAD CONDITION	V	S		Ø7/14/87
T2.5.3.3	RECEIVE SUPERVISOR NOTICE TO COMBINE/DECOMBINE POSITIONS	V	s		07/14/87
12.5.3.4	REQUEST ASSISTANCE OR RELIEF	V	S		07/14/87

fask Number	Task Statement	Coordination Media	Coordinutees	Transition State	Revision Date
		Vrice Function Mall Automated Coord.	Local Controller Ground Controller Ground Controller Clearance Delivery Tower Supervisor ACF Controller Flight Service Wheather Service Whole Operator ACF Area Supervisor ACF Area Supervisor ACF Area Supervisor ACF Area Supervisor ACF Area Contollation Meteorologist		
T2.5.4	RESPONDING TO POSITION RECONFIGURATIONS				27/14/87
T2.5.4.1	CONDUCT POSITION COMBINATION/ DECOMBINATION PROCEDURES				07/14/87
T2.5.4.2	OBSERVE TPC CGNFIGURATION IN RESPONSE TO CONFIGURATION MESSAGE				Ø7/14/87
12.5.5	OPERATING TAXIWAY LIGHTING SYSTEMS				07/07/68
T2.5.5.1	RECEIVE REQUEST TO MANIPULATE TAXIWAY LIGHTING SYSTEM	V	L		07/07/23
T2.5.5.2	PERCEIVE NEED TO MANIPULATE TAXIWAY LIGHTING SYSTEM				07/07/98
12.5.5.3	SWITCH TAXIWAY LIGHTING SYSTEM MANUALLY				07/07/66
T2.5.5.4	ENTER TAXIWAY LIGHTING SYSTEM ADJUSTMENT				07/07/90
T2.6	RESPUND TO SYSTEM/ FQUIPMENT DEGRADATION				07/12/68
T2.6.1	RESPONDING TO TRANSIENT TCCC FAILURES				07/14/6
12.5.1.1	DETECT NON-ACCEPTANCE OF INPUT DATA				07/14/8
12.6.1.2	ENTER INPUT DATA MANUALLY ON CONSOLE				07/20/8
T2.6.1.5	RECEIVE INPUT DATA MANUALLY FORWARDED FROM OTHER TPC				07/14/8
12.5.1.4	FORWARD INPUT DATA MANUALLY TO OTHER TPC				Ø7/14/8
T2.5.2	RESPONDING TO TPC FAILURES				02/07/8
T2.6.2.1	RECEIVE NOTICE OF TPC	V	L, DIS		Ø7/14/8
T2.6.2.2	DETECT OCCURRENCE OF TPC FAILURE				Ø7/14/8
12.6.2.3	FORWARD NOTICE OF EQUIPMENT STATUS	V	LUS		07/07/8
T2.6.3	EXECUTING BACKUP PROCEDURES FOR TCCC FAILURES				Ø7/14/8
12.6.3.1	RECEIVE NOTICE OF TOCC FAILURE	V	L, DIS		07/14/8
T2.6.3.2	DETECT OCCURRENCE OF TCCC FAILURE				07/14/8

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		Voice Function Mail Automated Coord.	Local Controller Coound Controller Ground Controller Ground Supervisor ACF Controller Flight Service Weather Service Pliot Vehicle Operator ACF Area Manager Trafile Manager		
12.6.3.3	REVERT TO TCCC BACKUP				37/14/87
T2.6.3.4	PROCEDURES (TBD) VERIFY COMPUTER ACTION DURING TRANSITION	V I MI	S		Ø7/14/87
T2.6.3.5	STAGES RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES	V	S		07/14/87
72.6.4	EXECUTING BACKUP PROCEDURES FOR COMMUNICATION FAILURES				07/14/87
T2.5,4.1	DETECT COMMUNICATION FAILURE	V			07/20/88
T2.6.4.2	REVERT TO LIGHTGUN CGMMUNICATION PROCEDURES				27/14/27
T2.6.4.3	SWITCH TO BACKUP RADIO/ FREQUENCY				07/14/87
T2.6.4.4	ADJUST COMMUNICATION PATH TO ACCOMMODATE FAILURE/ OVERLOAD				07/12/88
T2.6.4.5	RECEIJE NEW FREQUENCY ASSIGNMENT	VI M	L. 0;S!		07/14/87
T2.6.4.6	RECEIVE NOTICE OF ALTERNATE COMMUNICATION PATH	V MI			ฮี7/14/87
72.6.4.7	FORWARD NOTICE OF COMMUNICATION STATUS	V M	L; DIS P		07/14/87
T2.6.4.8	FORWARD NEW FREQUENCY ASSIGNMENT	VI MI	El DISI P		Ø7/14/87
T2.6.4.9	FORWARD ALTERNATE COMMUNICATION PATH	V MI			07/14/37
T2.6.5	RESPONDING TO TRANSIENT COMMUNICATION FAILURES				Ø7/14/87
T2.6.5.1	PECEIVE NOTICE OF THANSIENT COMMUNICATION FAILURE	V	S		07/14/87
T2.6.5.2	DETECT TRANSIENT CGMMUNICATION FAILURE	v			07/20/68
T2.6.5.3	REQUEST COMMUNICATIONS CHECK FROM OTHER POSITION/ AIRCRAFT/ AGENCY	V	L DS P		07/14/87
T2.6.5.4	RECEIVE COMMUNICATIONS CHECK FROM OTHER POSITION/ AIRCRAFT/ AGENCY	v	Li ols Pi o		Ø7/14/87
T2.6.6	RESPONDING TO AIRPORT EQUIPMENT FAILURES				ß7/14/87
T2.6.6.1	OBSERVE FAILURE OF AIRPORT EQUIPMENT				07/14/87

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Task Number	Task Statement	Medio	Coordinatees	Stote	Date
		Voice Function Mail Automated Cnord.	Local Controller Ground Controller Glearance Delivery Tower Supervisor ACF Controller Weather Service Pilot Vehicle Operator ACF Area Supervisor ACF Area Manager Iraffic Amanagement Other Coordination Meteorologist		
72.6.6.2	INHIBIT PROCESSING OF DATA FROM FAULTY SENSOR				Ø7/14/87
T2.6.6.3	RESTORE PROCESSING OF DATA FROM AIRPORT SENSOR				37/ 14/8?
72.6.7	RESPONDING TO ACCC FAILURES				Ø7/14/87
*2.5.7.1	DETECT TCCC STAND-ALONE MODE INDICATOR				Ð7/14/87
r2.6.7.2	RECEIVE NOTICE OF TOCC STAND-ALONE MODE	V M	S		<i>07/14/87</i>
72.6.7.3	INFORM SUPERVISOR OF TOCC STAND-ALONE MODE	VI MI.			07/14/67
72.6.7.4	RECEIVE NOTICE OF ACF BACKUP MODE	V ₁ M ₁	S		07/14/87
T2.6.7.5	REVERT TO ACCC DEGRADED PROCEDURES (TBD)				Ø7/14/87
72.6.7.6	REVERT TO ACCC BACKUP PROCEDURES (TBD)				07/14/67
73.5.7.7	REVERT TO TOCC STAND-ALONE MODE PROCEDURES (TBD)				07/14/97

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		Voice Function Mail Automated Coord.	Local Controller Clearance Delivery Clearance Delivery Tower Supervisor AGE Controller Flight Service Pilot Service Pilot Gperator AGE Area Supervisor AGE Area Supervisor AGE Area Managor AGE Coordination Meteoroiogist		
Т3	CLEARANCE DELIVERY/				Ø7/12/88
	FLIGHT DATA				077 12:CO
T3.1	PERFORM CLEARANCE DELIVERY/ FLIGHT DATA SITUATION MONITORING				Ø7/12/88
T3.1.1	RECEIVING ENVIRONMENT AND STATUS INFORMATION				a7/14/87
T3.1.1.1	CETECT AERCNAUTICAL AND METEOROLOGICAL ALERT				07/14/67
~3.1.1.2	DETECT AIRPORT ENVIRONMENTAL DATA ALERT				07/14/87
T3.1.1.3	DETECT EQUIPMENT STATUS ALERT				02/14/81
T3.1.1.4	ACKNONLEDGE ENVIRONMENTAL/ SYSTEM STATUS ALERT				07/12/S
T3.1.1.5	CBSERVE DISPLAY OF NEW/ CHANGED SYSTEM STATUS DATA				07/14/6
73.1.1.6	CBSERVE DISPLAY OF NEW-CHANGED AERONAUTICAL AND METEOROLOGICAL DATA				37/14/3
73.1.1.7	OBSERVE DISPLAY OF NEW/CHANGED AIRPORT ENVIRONMENTAL DATA				37/14, 8
T3.1.1,8	RECEIVE NOTICE OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	V	L G SiC PV CI		37 /14/8
Т3.1.1.9	INFORM OTHERS OF NEW/ CHANGED SYSTEM ENVIRCHMENTAL AND STATUS DATA	V M	1.6 S		07/17/8
73.1.1.1Ø	ENTER SYSTEM ENVIRONMENTAL AND STATUS DATA CHANGE MESSAGE				07/14/8
T3.1,1,11	OBSERVE SYSTEM STATUS				02/07:0
Т3.1.2	HOUSEKEEPING				07/14/8
T3.1.2.1	ENTER CONTROLLER NOTE				07/07/5
T3.1.2.2	DELETE CONTROLLER NOTE				07/07/9
T3.1.2.3	ENTER FDE NOTATIONS				07/07/3
T3.1.2.4	DELETE FOE NOTATIONS				07/07/
T3.1.2.5	DELETE FDE FROM TCCC SYSTEM				07/14/
T3.1.2.6	SELECT FDE SORTING PRIORITY SCHEME				07/14/

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Fask Number	Task Statement	Coordination Media	Coordinatees	Transition State	Revision Date
		Voice Function Mail Automated Coord.	Local Cortroller Ground Controller Ground Controller Gower Supervisor ACF Controller Tight Service Neather Service Pilot Wehicle Operator ACF Area Supervisor ACF Area		
75.1.2.7	SUPPRESS FDE FROM DISPLAY				07/17/89
73.1.2.8	RESTORE FOE TO DISPLAY				07/17/88
T3.1.2.9	REQUEST FOR FROM ANOTHER POSITION/ FACILITY	V ₁ F			37/14/87
73.1.2.10	UPDATE/REVISE CONTROLLER NOTE				07/12/88
73.2	ROUTE OR PLAN FLIGHTS				07/12/88
73.2.1	PROCESSING FLIGHT PLANS				07/14/87
13.2.1.1	RECEIVE FLIGHT PLAN FROM PILOT	V:			07/14/87
°3.2.1.2	REVIEW FLIGHT PLAN FOR COMPLETENESS				37/14/97
T3,2,1,3	QUERY PILOT ABOUT FLIGHT PLAN	y.			J7/14/87
73.2.1.4	ENTER FLIGHT PLAN				07/14/87
₹3.2.2	PROCESSING FLIGHT PLAN AMENOMENTS				07; 14/87
T3.2.2.1	RECEIVE PILOT REQUEST FOR FLIGHT PLAN AMENDMENT	V1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			37/14/67
T3.2.2.2	RECEIVE CONTROLLER REQUEST FOR FLIGHT PLAN AMENDMENT	V: M			B7/14/87
73.2.2.3	DETERMINE NEED FOR FLIGHT PLAN AMENOMENT				07/14/67
T3.2.2.4	QUERY PILOT/ CONTROLLER CN FLIGHT PLAN AMENCMENT	V MI	L G		a7/14/87
T3.2.2.5	ENTER FLICHT PLAN AMENDMENT				07/14/8 ?
T3.2.2.6	RECEIVE FDE FRCM OTHER CONTROLLER FOR FLIGHT PLAN AMENOMENT	F	LG		87/14/87
T3.2.2.7	EMPHASIZE FDE PUSTING FOR REMINDER ACTION				07/14/88
13.2.2.8	DELETE FDE EMPHAS.S				07/07/98
T3.2.3	REVIEWING NEW FLIGHT DATA ENTRIES				Ø7/14/87
73.2.3.1	OBSERVE NEW FLIGHT DATA ENTRY IN CLEARANCE PENDING LIST				3 7/14/67
T3.2.3.2	REQUEST FULL FLIGHT PLAN READOUT				97/14/87
T3.2.3,3	OBSERVE FULL FLIGHT PLAN READOUT				07/14/87
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		Voice Function Mail Automated Coord.	Local Controller Ground Controller Ground Controller Icaer Supervisor ACF Controller Fight Service Pilot Vehicle Operator ACF Area Supervisor ACF Area Supervisor ACF Area Supervisor ACF Area Condination Meteorologist		
73.2.3.4	REVIEW FLIGHT DATA ENTRY FOR ERRORS/ DATA LIST SEQUENCE				07/14/87
T3.2.3.5	RESEQUENCE FOR MANUALLY				07/07/88
73.3	MANAGE AIR TRAFFIC SEQUENCES				07/12/88
۲3.3.1	PLANNING AND ISSUING CLEARANCES				27/14/8 3
™3.3.1.1	RECEIVE PILOT REQUEST FOR CLEARANCE	v			07/14/87
73.3.1.2	SEARCH CLEARANCE PENDING LIST FOR FDE				07/14/5
73.3.1.3	OBSERVE FDE FOR PRESENCE OF PDR/ PDAR AND/ OR REMARKS				07/14/8
T3.5 1.4	REQUEST CLEARANCE FROM ACF CONTROLLER	v Ki	C: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		07/14/5
73.35	RECEIVE CLEARANCE FROM ACF CONTROLLER	V. M:			37/14/8
73.3.1.6	FORMULATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS				07/14/ô
73.3.1.7	ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT	v			87/17/B
73.3.1.8	VERIFY PILOT HAS CURRENT ATIS	v			87/14/8
T3.3.1.9	TRANSFER FDE TO STANDBY				07/14/8
73.3.2	TRANSFERRING FLIGHT DATA INFORMATION				07/14/8
T3.3.2.1	CBSERVE FDE IN STANDBY				87/14/8
73.3.2.2	ISSUE NOTICE TO PILOT TO CONTACT/ MONITUR GROUND CONTROL	V:			07/14/8
r3.3.2.3	TRANSFER FDE TO OTHER CONTROLLER	, F!			07/14/8
T3.3.3	F"SPONDING TO SPECIAL OPERATIONS				D7/14/8
T3.3.3.1	RECEIVE NOTICE OF SPECIAL OPERATION	V			07/14/8
T3.3.3.2	PERCEIVE PRESENCE OF SPECIAL OPERATION				07/14/8
T3.3.3.3	INFORM OTHERS OF SPECIAL OPERATION	V	L G SCF		07/14/8
T3.3.5.4	CONDUCT SPECIAL OPERATION ACTIONS				Ø7/14/8

Task Number	Task Statement	Coordination Medic	ASK STATEMENTS Coordinatees	Transition State	Revision Date
		Voice Function Mali Automated Coord.	Local Controller Ground Controller Clearance Delivery Tower Supervisor AGF Controller Filgnt Service Pilot Vehicle Operator AGF Area Supervisor AGF Area Management Traffic Management Other Coordination Meteorologist	Joure	oors
T3.3.3.5	RECEIVE NUTICE OF TERMINATION OF SPECIAL OPERATION	ν Mi	L G S F		07/14/87
T3 3.3.6	ENTER TERMINATION OF SPECIAL OPERATION				Ø7/14/87
тз.з.4	RESPONDING TO SPECIAL CONDITIONS/ EMERGENCIES				Ø7/14/87
T3.3.4.1	RECEIVE NOTICE OF SPECIAL CONDITION/ EMERGENCY	V MI	SCO		07/14/87
T3.3.4.2	OBSERVE AIRCRAFT/ VEHICLE ABNORMALITY DIRECTLY				67/14/87
73.3.4 3	PERCEIVE PRESENCE OF SPECIAL CONDITION/ EMERGENCY AURALLY	v			07/14/67
73.3.4.4	FORWARD SPECIAL CCNDITION/ EMERGENCY INFORMATION TO SUPERVISOR/ ANOTHER CONTROLLER	A1 WI	L.GI IS C		07/14/87
15.5.4.5	INFORM PILOT/ VEHICLE OPERATOR OF ABNORMAL AIRCRAFT/ VEHICLE CONDITION	V.	P;V		£7/14/87
T3.3.4.6	REVIEW CONTINGENCY CHECKLIST ON STATIC DISPLAY				Ø7/14/87
T3.3.4 7	CCNDUCT RAMP SEARCH FOR OVERDUE AIRCRAFT				07/14/87
F3.3.4.8	RECEIVE NOTICE OF TERMINATION OF SPECIAL CONDITION/ EMERGENCY	νι M	S C P		Ø7/14/87
T3.3.4.9	FORWARD NOTICE OF TERMINATION OF SPECIAL CONDITION/ EMERGENCY	VIIM	L G S C		Ø7/14/87
T3.4	RESPOND TO FLOW CONSTRAINTS				ภ7/12/88
T3.4.1	PESPONDING TO FLOW CONSTRAINTS				f7/14/87
T3.4.1.1	RECEIVE CANCELLATION OF TRAFFIC MANAGEMENT RESTRICTION	V M	SIC		07/14/87
T3.4.1.2	OBSERVE NEW/CHANGED ENTRY IN TRAFFIC MANAGEMENT ADVISORY LIST				Ø7/14/87
13.4.1.3	RECEIVE TRAFFIC MANAGEMENT RESTRICTION (E.G., EDCT)	V F	Sic		Ø2/Ø7/86
T3.4.1.4	FORWARD TRAFFIC MANAGEMENT RESTRICTION TO SUPERVISOR/ DIHER CONTROLLER/ PILOT	V	L G S P P		Ø7/14/87

Task Number	Task Statement	Coordination Media	Coordinatees	Transition State	Revision Date
		Voice Function Mail Automated Coord.	Local Controller Sround Controller Glearance Delivery Tower Supervisor ACF Controller Fiight Service Weather Service Wellcle Operator ACF Area Manager Traffic Management Other Cocralination Meteorologist		
T3.4.1.5	DISCUSS TRAFFIC MANAGEMENT RESTRICTION PROCEDURES WITH CONTROLLER/ PILOT	V	L G		Ø7/14/87
T3.4.1.6	INFORM FILCT OF ESTIMATED DEPARTURE CLEARANCE TIME	v	P		Ø7/14/8?
73.4.1.7	OBSERVE DELETION OF ENTRY FROM TRAFFIC MANAGEMENT ADVISORY LIST				37/14/87
T3.5	ASSESS WEATHER IMPACT				07/12/E8
T3.5.1	RESPONDING TO SIGNIFICANT WEATHER INFORMATION				ð7/14/87
T3.5.1.1	REVIEW ATIS RECORDING				07/14/37
T3.5.1.2	UPDATE ATIS RECORDING				07/14/87
T3.5.1.3	ENTER AWOS/ASOS APPENDAGE				07/14/67
T3.6	MANAGE CLEARANCE DELIVERY/FLIGHT DATA CONTROLLER POSITION RESOURCES				07/12/83
T3.6.1	BRIEFING RELIEVING CONTROLLERS				Z7/14/87
T3.6.1.1	BRIEF RELIEVING CONTROLLER	V	D		87/14/87
T3.6.1.2	SIGN OFF AT CONSOLE			<u> </u>	07/14/87
T3.5.1.3	VERIFY COMPLETENESS OF RELIEF BRIEFING RECEIPT				Ø7/14/€7
T3.6.2	ASSUMING POSITION RESPONSIBILITY				87/14/27
13.6.2.1	SET UP TPC ADAPTATION PARAMETERS				07/14/37
T3.6.2.2	RECEIVE CONTROLLER RELIEF BRIEFING	V			07/14/87
T3.6.2.3	CHECK DISPLAY FOR PROPER CONFIGURATION, USABILITY, AND SATISFACTORY STATUS				07/14/37
T3.5.2.4	SIGN ON AT DESIGNATED CONSOLE				07/14/87
T3.6.2.5	REQUEST IMPLEMENTATION OF TPC ADAPTATION PARAMETERS				Ø7/14/87 •
T3.6.2.6	ADJUST PARAMETERS AND DISPLAY TO PERSONAL REFERENCE				07/14/67
T3.6.2.7	REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE SELF				Ø7/Ø//93

Task Number	Task Statement	Coordination Media	Coordinatees	Transition State	Revision Date
		Voice Function Mail Automated Coord.	local Controller Ground Controller Clearance Delivery Town Supervisor ACF Controller Flight Scrvice Palot Wehicle Operator ACF Area Supervisor ACF Area Supervisor ACF Area Supervisor ACF Area Supervisor ACF Area Supervisor ACF Area Supervisor ACF Area Coordination Meteorologist		
T3.6.2.8	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER				Ø7/Ø7/88
T3.6.3	MANAGING PERSONAL WORKLOAD				Ø7/14/87
T3.6.3.1	DETERMINE IMPENDING CONTROLLER OVERLOAD				Ø7/14/87
3.6.3.2	INFORM SUPERVISOR OF POTENTIAL OVERLOAD CONDITION	VI M	S.		ð7/14/87
T3.6.3.3	RECEIVE SUPERVISOR NOTICE TO COMBINE/ DECOMBINE POSITIONS	у] М	Si		?7/14/87
T3.5.3.4	REQUEST ASSISTANCE OR RELIEF	VI MI	Si		87/14/87
73.5.4	RESPONDING TO POSITION RECONFIGURATIONS				07/14/87
73.6.4.1	CONDUCT POSITION COMBINATION/ DECOMBINATION PROCEDURES				07/14/87
T3.6.4.2	OBSERVE TPC CONFIGURATION IN RESPONSE TO CONFIGURATION MESSAGE				07/14/37
T3.7	RESPOND TO SYSTEM/ EQUIPMENT DEGRADATION				37/12/88
13.7.1	RESPONDING TO TRANSIENT TOOC FAILURES				Ø7/14/87
73.7.1.1	DETICT NON-ACCEPTANCE OF INPUT DATA				07/14/87
73.7.i.2	ENTER INPUT DATA MANUALLY ON CONSOLE				07/20/8 8
T3.7.1.3	FORWARD INPUT DATA MANUALLY TO OTHER TPC				Ø7/14/87
T3.7.1.4	RECEIVE INPUT DATA MANUALLY FORWARDED FROM OTHER TPC				07/14/87
13.7.2	EXECUTING BACKUP PROCEDURES FOR TPC FAILURES				B7/14/87
73.7.2.1	RECEIVE NOTICE OF TPC FAILURE	V	L G S		87/14/87
13.7.2.2	DETECT OCCURRENCE OF TPC FAILURE				Ø7/14/87
13.7.2.3	FORWARD NUTICE OF EQUIPMENT STATUS	V	L G S		i)7/i)7/88
13.7.3	EXECUTING BACKUP PROCEDURES FOR TOCC FAILURES				67/14/87

	TASK STATEMENTS Coordination Revision Revision				
Task Number	Task Statement	Media	Coordinatees	State	Date
		Voice Function Mail Automated Cocrd.	Local Controller Ground Controller Ground Controller Tower Supervisor ACF Controller Filght Service Plant Service Plant Vehicle Operator ACF Area Supervisor ACF Area Management Other Coordination Metecrologist		
73.7.3.1	RECEIVE NOTICE OF TOCC	VI	L.6. S		07/11/0
73.7.3.2	FAILURE DETECT OCCURRENCE OF		1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1		07/14/87
	TCCC FAILURE				07/14/87
13.7.3.3	REVERT TO TOCO BACKUP PROCEDURES (TBD)				Ø7/14/37
T3.7.3.4	VERIFY COMPUTER ACTION DURING TRANSITION STAGES	ν, 'M	SIC		07/14/82
73.7.3.5	RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES	VI MI	sic		87/28/8s
Т3.7.4	EXECUTING BACKUP PROCEDURES FOR COMMUNICATION FAILURES				07/14/8
73.7.4.1	DETECT COMMUNICATION FAILURE	у.			07/20/6
73.7.4.2	SWITCH TO BACKUP RADIO/ FREQUENCY				87/14/8
73.7.4.3	RECEIVE NEW FREQUENCY ASSIGNMENT	V)			07/14/8
T3.7.4.4	ADJUST COMMUNICATION PATH TO ACCOMMODATE FAILURE/ OVERLOAD				fi7/14/3
T3.7.4.5	RECEIVE NOTICE OF ALTERNATE COMMUNICATION PATH	v, M	L G S		07/14/8
T3.7.4.5	FCRUARD NOTICE OF COMMUNICATION STATUS	V	LIGI S.C.I P		37/14/9
T3.7.4.7	FCRWARD NEW FREQUENCY ASSIGNMENT	VI	L.G SCI P		07/14/8
T3.7.4.8	FORWARD ALTERNATE COMMUNICATION PATH	V	L ₁ G; (S.C.) P;		Ø7/14/8
T3.7.5	RESPONDING TO TRANSIENT COMMUNICATION FAILURES				87/14/6
т3.7.5.1	RECEIVE NOTICE OF TRANSIENT COMMUNICATION FAILURE	V ₁ , Mi	S P		07/14/8
T3. 7.5.2	DETECT TRANSIENT COMMUNICATION FAILURE	v			57/25/8
13.7.5.3	REQUEST COMMUNICATION CHECK FROM OTHER POSITION/ AIRCRAFT/ AGENCY	V.	L G S C P P		87/14/9
13.7.5.4	RECEIVE COMMUNICATION CHECK FROM OTHER POSITION/ AIRCRAFT/ AGENCY	vi	L 5 S C P 0		07/14/8
13.7.6	RESPONDING TO AIRPURT EQUIPMENT FAILURES				07/14/8

Tosk Number	Task Statement	Cooraination Media	Coordinatees	Transition State	Revision Date
		Voice Function Mail Automated Coord.	Local Controller Ground Controller Ground Controller Tower Supervisor ACF Controller Flight Service Pilot Vehicle Operator ACF Area Supervisor ACF Area Supervisor ACF Area Manager Trafile Management Other Coordination Meteorologist		
T3.7.6.1 T3.7.7 T3.7.7.1 T3.7.7.2 T3.7.7.3 T3.7.7.4 T3.7.7.6	OBSERVE FAILURE OF AIRPORT EQUIPMENT RESPONDING TO ACCC FAILURES DETECT TCCC STAND-ALONE MODE INDICATOR RECEIVE NOTICE OF TCCC STAND-ALONE MODE INFORM SUPERVISOR OF TCCC STAND-ALONE MODE RECEIVE NOTICE OF ACF BACKUP MODE REVERT TO ACCC BACKUP PROCEDURES (TBD) REVERT TO ACCC DEGRADED	V: M:	SiC		67/14/87 67/14/87 67/14/87 67/14/87 67/14/87 87/14/87
73.7 7.7	PROCEDURES (TBD) REVERT TO TCCC STAND-ALONE MOCE PROCEDURES (TBO)				82/12/83
	/FAA/AP-87-01(VOL#5)				

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APPENDIX B (continued)

EVENT TO SUB-ACTIVITY TRACES

LOCAL CON	TROLLER SUB-ACTIVITIES	(VOLUME I, APPENDIX A) RELATED ATCT CONTROLLER EVENT
T1.1.1	ESTABLISHING POSITIVE AIR- CRAFT/ VEHICLE POSITION	AIRCRAFT ENTERS ATA
T1.1.2	CHECKING AND EVALUATING SEPARATION	(MOST ALL EVENTS)
T1.1.3	RECEIVING EQUIPMENT AND STATUS INFORMATION	RUNWAY CONFIGURATION CHANGE
T1.1.4	HOUSEKEEPING	(N/A)
T1.2.1	PERFORMING CONFLICT RESOLUTION	AIRCRAFT-AIRCRAFT CONFLICT
T1.2.2	PERFORMING MINIMUM SAFE ALTITUDE RESOLUTION	MINIMUM SAFE ALTITUDE CONFLICT
T1.2.3	PERFORMING AJRSPACE/MOVEMENT AREA VIOLATION RESOLUTION	
T1.2.4	ISSUING UNSAFE CONDITION ADVISORIES	CAUTION ALERT
T1.2.5	SUPPRESSING/ RESTORING ALERTS/ RESOLUTION ADVISORIES	SPECIAL USE AIRSPACE
T1.3.1	PROCESSING DEVIATIONS	DEVIATION
T1.3.2	ESTABLISHING DEPARTURE SEQUENCES	CHANGE FLOW PATTERN, SEQUENCING REQUIRED
T1.3.3	ESTABLISHING LANDING SEQUENCES	INITIAL CONTACT, LOCAL TRAFFIC, SEQUENCING REQUIRED
T1.3.4	MONITORING NON-CONTROLLED OBJECTS	AIRSPACE INTRUSION BY NON- CONTROLLED OBJECT, BALLOON/GLIDER
T1.3.5	RESPONDING TO IMPOSED AIRSPACE/ MOVEMENT AREA RESTRICTIONS	RUNWAY/ TAXIWAY OPEN/CLOSE, MOVEMENT AREA RELEASE

т1.3.6	REQUESTING TEMPORARY RELEASE OF AIRSPACE/ MOVEMENT AREAS	AIRCRAFT/ VEHICLE CROSSING ACTIVE RUNWAY
Т1.3.7	RESPONDING TO REQUESTS FOR TEMPORARY RELEASE OF AIRSPACE/MOVEMENT AREAS	AIRCRAFT/ VEHICLE CROSSING ACTIVE RUNWAY
T1.4.1	PLANNING CLEARANCES	CLEARANCE REQUEST
T1.4.2	RESPONDING TO SPECIAL CONDITIONS/ EMERGENCIES	AIRCRAFT EMERGENCY
T1.4.3	RESPONDING TO SPECIAL OPERATIONS	LIFEGUARD MISSION, HAZARDOUS CARGO
T1.4.4	PROCESSING FLIGHT PLAN AMENDMENTS	CLEARANCE REQUEST
T1.4.5	RESPONDING TO REQUESTS FOR TRANSFER OF CONTROL	AIRCRAFT/ VEHICLE ENTERING/ LEAVING AREA OF FOSITION RESPONSIBILITY
T1.4.6	INITIATING TRANSFER OF CONTROL	AIRCRAFT/ VEHICLE ENTERING/ LEAVING AREA OF POSITION RESPONSIBILITY, MISSED APPROACH/ GO AROUND/ PRACTICE APPROACH, HANDOFF RECEIPT
71.4.7	ISSUING POINTOUTS	AIRCRAFT/ VEHICLE ENTERING/ LEAVING AREA OF POSITION RESPONSIBILITY, MISSED APPROACH/ GO AROUND/ PRACTICE APPROACH, POINTOUT RECEIPT
T1.4.8	RESPONDING TO POINTOUTS	AIRCRAFT/ VEHICLE ENTERING/ LEAVING AREA OF POSITION RESPONSIBILITY
T1.4.9	ISSUING CLEARANCES	CLEARANCE DELIVERY
T1.4.1Ø	MANAGING AUTOMATED HANDOFF AND POINTOUT FEATURES	(N/A)
T1.5.1	RESPONDING TO SIGNIFICANT WEATHER INFORMATION	PIREP, SEVERE WEATHER, SIGMET/ AIRMET
T1.5.2	PROCESSING WEATHER REPORTS	CEILING HEIGHT REPORT, PRESSURE DISPLAY/ REPORT, VISIBILITY REPORT, WIND SHEAR REPORT
		,,,,

T1.6.1	BRIEFING RELIEVING CONTROLLERS	FACILITY CLOSURE, POSITION RELIEF
T1.6.2	ASSUMING POSITION RESPONSIBILITY	FACILITY REOPENING, POSITION RELIEF
T1.6.3	MANAGING PERSONAL WORKLOAD	CONTROLLER OVERLOAD
T1.6.4	RESPONDING TO POSITION RECONFIGURATIONS	POSITION CONSOLIDATION/ DECONSOLIDATION
	OPERATING AIRPORT LIGHTING SYSTEMS	PILOT REQUEST FOR LIGHTING MANIPULATION
	RESPONDING TO TRANSIENT TCCC FAILURES	
T1.7.2	EXECUTING BACKUP PROCEDURES FOR TPC FAILURES	TPC FAILURE
T1.7.3	EXECUTING BACKUP PROCEDURES FOR TOCC FAILURES	TCCC FAILURE
T1.7.4	EXECUTING BACKUP PROCEDURES FOR NAVAID FAILURES	NAVAID FAILURE
T1.7.5	EXECUTING BACKUP PROCEDURES FOR COMMUNICATION FAILURES	COMMUNICATION FAILURE
T1.7.6	EXECUTING BACKUP PROCEDURES FOR SENSOR/ TRACKING FAILURES	RADAR SURVEILLANCE SENSOR FAILURE
T1.7.7	RESPONDING TO TRANSIENT COMMUNICATION FAILURES	TRANSIENT COMMUNICATION FAILURE
T1.7.8	RESPONDING TO AIRPORT EQUIPMENT FAILURES	AIRPORT EQUIPMENT FAILURE
	RESPONDING TO ACCC FAILURES	ACCC FAILURE

GROUND CO	ONTROLLER SUB-ACTIVITIES	RELATED ATCT CONTROLLER EVENT
T2.1.1	ESTABLISHING/ MAINTAINING POSITIVE AIRCRAFT/ VEHICLE IDENTIFICATION	INITIAL CONTACT, AIRCRAFT/ VEHICLE
T2.1.2	CHECKING AND EVALUATING TRAFFIC MOVEMENT	AIRCRAFT/ VEHICLE CONFLICT, VEHICLE/ VEHICLE CONFLICT
T2.1.3	RECEIVING ENVIRONMENT AND STATUS INFORMATION	RUNWAY CONFIGURATION CHANGE
T2.1.4	HOUSEKEEPING	N/ à
T2.2.1	RESPONDING TO FLOW CONSTRAINTS	CHANGE FLOW PATTERN, FLOW MANAGEMENT
T2,2.2	PROCESSING GROUND TRAFFIC DEVIATIONS	RUNWAY/ TAXIWAY INCURSION BY OBSTACLE/ VEHICLE/ AIRCRAFT
T2.2.3	ESTABLISHING DEPARTURE SEQUENCES	CHANGE FLOW PATTERN, SEQUENCING REQUIRED
T2.2.4	RESPONDING TO MOVEMENT AREA CLOSURES	RUNWAY/ TAXIWAY OPEN/ CLOSE
T2.2.5	RESPONDING TO GROUND MOVEMENT REQUESTS	AIRCRAFT/ VEHICLE CROSSING ACTIVE RUNWAY, ENTERING/ LEAVING INBOUND GROUND HOLD, ENTERING/ LEAVING OUTBOUND GROUND HOLD
T2.2.6	RESPONDING TO REQUESTS FOR TEMPORARY RELEASE OF MOVEMENT AREAS	AIRCRAFT/ VEHICLE CROSSING ACTIVE RUNWAY
T2.2.7	RESPONDING TO RUNWAY/ TAXIWAY USAGE CHANGES	RUNWAY CONFIGURATION CHANGE
T2.2.8	OBJECTS	RUNWAY/ TAXIWAY INCURSION BY OBSTACLE/ VEHICLE/ AIRCRAFT
T2.3.1	PLANNING AND ISSUING CLEARANCES	CLIARANCE REQUEST, CLEARANCE DELIVERY
T2.3.2	RESPONDING TO SPECIAL CONDITIONS/ EMERGENCIES	AIRCRAFT EMERGENCY
T2.3.3	RESPONDING TO SPECIAL OPERATIONS	LIFEGUARD MISSION, BOMB THREAT
T2.3.4	TRANSFERRING CONTROL RESPONSIBILITIES - DEPARTURE AIRCRAFT	AIRCRAFT/ VEHICLE ENTERING/ LEAVING AREA OF POSITION RESPONSIBILITY

T2.3.5	OBSERVING ARRIVAL AIRCRAFT	INITIAL CONTACT, AIRCRAFT/ VEHICLE ENTERING/ LEAVING AREA OF POSITION RESPONSIBILITY
	RESPONDING TO SIGNIFICANT WEATHER INFORMATION	SEVERE WEATHER, PIREP
T2.4.2		SEVERE WEATHER, PIREP, CEILING HEIGHT REPORT, VISIBILITY REPORT
	BRIEFING RELIEVING CONTROLLERS	POSITION RELIEF
T2.5.2	ASSUMING POSITION RESPONSIBILITY	POSITION RELIEF
T2.5.3	MANALING PERSONAL WORKL AD	CONTROLLER OVERLOAD
T2.5.4	RESPONDING TO POSITION RECONFIGURATIONS	POSITION CONSOLIDATION/ DECONSOLIDATION
1	OPERATING TAXIWAY LIGHTING SYSTEMS	PILOT REQUEST FOR LIGHTING MANIPULATION, VISIBILITY OBSERVATION/ REPORT, RUNWAY/ TAXIWAY OPEN/ CLOSE
T2.6.1	RESPONDING TO TRANSIENT TCCC FAILURES	TRANSIENT COMPUTER FAILURE
T2.6.2	RESPONDING TO TPC FAILURES	TPC FAILURE
T2.6.3	EXECUTING BACKUP PROCEDURES FOR TCCC FAILURES	TCCC FAILURE
T2.6.4	EXECUTING BACKUP PROCEDURES FOR COMMUNICATION FAILURES	COMMUNICATION FAILURE
T2.6.5	RESPONDING TO TRANSIENT COMMUNICATION FAILURES	
T2.6.6	RESPONDING 10 AIRPORT EQUIPMENT FAILURES	AIRPORT EQUIPMENT FAILURE, NAVAID FAILURE
T2.6.7	RESPONDING TO ACCC	ACCC FAILURE

CLEARANCE	DEL/FLT DATA SUB-ACTIVITIES	RELATED ATCT CONTROLLER EVENT
T3.1.1	RECEIVING ENVIRONMENT AND STATUS INFORMATION	RUNWAY CONFIGURATION CHANGE
T3.1.2	HOUSEKEEPING	N/A
T- 0 4	PROCESSANO EL TOUT DI ANO	
13.2.1	PROCESSING FLIGHT PLANS	FILED FLIGHT PLAN
T3.2.2	PROCESSING FLIGHT PLAN AMENDMENTS	CLEARANCE REQUEST
	REVIEWING NEW FLIGHT DATA ENTRIES	FILED FLIGHT PLAN
T3.3.1	PLANNING AND ISSUING CLEARANCES	CLEARANCE REQUEST, CLEARANCE DELIVERY
T3.3.2		AIRCRAFT ENTERING/ LEAVING AREA OF POSITION RESPONSIBILITY
T3.3.3	RESPONDING TO SPECIAL OPERATIONS	SUSPECT AIRCRAFT, BOMB THREAT, SPECIAL INTEREST FLIGHT
	RESPONDING TO SPECIAL CONDITIONS/ EMERGENCIES	
T3.4.1	RESPONDING TO FLOW CONSTRAINTS	CHANGE FLOW PATTERN, FLOW MANAGEMENT
	RESPONDING TO SIGNIFICANT	SEVERE WEATHER, PRESSURE DISPLAY/ REPORT
T3.6.1	BRIEFING RELIEVING CONTROLLERS	POSITION RELIEF
T3.6.2	ASSUMING POSITION RESPONSIBILITY	POSITION RELIEF
T3.5.3	MANAGING PERSONAL WORKLOAD	CONTROLLER OVERLOAD
T3.6.4	RESPONDING TO POSITION RECONFIGURATIONS	DECONSOLIDATION
T3.7.1	RESPONDING TO TRANSIENT TOCC FAILURES	
T3.7.2	EXECUTING BACKUP PROCEDURES FOR TPC FAILURES	TPC FAILURE

T3.7.3	EXECUTING BACKUP PROCEDURES FOR TOCC FAILURES	TCCC FAILURE
T3.7,4	EXECUTING BACKUF PROCEDURES FOR COMMUNICATION FAILURES	COMMUNICATION FAILURE
T3.7.5	RESPONDING TO TRANSIENT COMMUNICATION FAILURES	TRANSIENT COMMUNICATION FAILURE
T3.7.6	RESPONDING TO AIRPORT EQUIPMENT FAILURES	AIRPORT EQUIPMENT FAILURE
T3.7.7	RESPONDING TO ACCC FAILURES	ACCC FAILURE

APPENDIX C

USER INTERFACE LANGUAGE

The User Interface Language (UIL) includes a data object hierarchy comprised of Logical Display Contents (i.e., User Display Language) and Input Messages (i.e., User Input Language). The Logical Display Contents refer to messages output to the controller at the Tower Position Console (TPC) workstation in the Advanced Automation System. These messages are output to the controller in the form of graphical displays, alphanumeric displays, and alerts/alarms or other signals for controller attention. The Input Messages refer to data and control messages entered by the controller to the system. This listing excludes messages not used by the Tower controller, and non-operational messages such as those related to training. Reference Volume I, Section 3.3.

TPC LOGICAL DISPLAY CONTENTS.

Table C-1 presents the TPC Logical Display contents. The following notations are employed in Table C-1:

=		Is defined as		
or	=	Exclusive "or"		
and	=	And		
()	=	Message items form a group		
{ }	=	Multiple iterations of a message item. Numbers added in the form $X\{ \} Y$ indicate at least X but not more than Y iterations of the message. By default, $X = 0$ and $Y = no$ upper limit defined.		
[]	=	Optional item (displayed or not displayed at controller's choice)		
^ ^		Mandatory message item if applicable		
* *	=	Comment		
@	=	Reference:		
		SLS	=	Advanced Automation System, System Level Specification, 28 August 1987 [21] (Citations are by AP paragraph)
		Task Analysis	=	Derived by task analysis
		FAA Academy TEM-17-1	=	Weather for Air Traffic Control, April 1987

Table C-1. Logical Display Contents

NOTE: The symbols ! and * are used to reflect substantive and nonsubstantive changes respectively.

```
Data Display =
          Situation Display
     or
          Flight Data Display
          System Environmental And Status Data Display
          Alert_And_Resolution_Display
     or
          Special_Lists
     or
         Message_Composition_And_Response_Display
     or
     or
          Static_Information_Display
     ٥r
          Controller Notepad Display
     @
          SLS 3.7.2.2.2, Table 3.7-12
          Tower Communications System Display
     or
     or
          Airport_Surface_Detection_Equipment_Display *where installed*
     @
          3.2.2.2.6
          Reminder Movement Area Diagram
     or
          Task Analysis
Situation Display=
         {Target/Track Descriptor}
          SLS 3.7.2.2.1.1.1.3
     and {Weather Descriptor}
          SLS 3.7.2.2.1.1.1.7, 3.7.2.2.1.1.1.8
     and (Background Descriptor)
          SLS 3.7.2.2.1.1.1.2
     and {Conflict_Resolution_Advisory} *with aural alarm*
          SLS 3.7.2.2.1.1.1.9, 3.7.2.1.3.4
     and Time *on a physical display*
          SLS 3.7.2.2.1.1
     and Geographic Tagging *results of controller entered graphics
               and alphanumeric strings*
          SLS 3.7.2.2.1.1.1.12
     Target/Track Descriptor =
               Position_Symbol
          and [Data Block]
          and [Route_Display] *graphic presentation*
          and([Position History])5
          and {Target/Track Current Position Data}
          and [Range/Bearing/Time/Vertical_Velocity_Readout_Data]
               SLS 3.7.2.2.1.1.1.3, 3.7.2.2.1.1.1.10,
                    3.7.2.2.1.2.1.p/q/r/s/t, 3.7.2.3.1.8
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Table C-1. Logical Display Contents (Continued)
Position_Symbol =
          Target Position Symbol *radar reported position*
         (Track Position Symbol *target report position
               or predicted track position*
         Track_Vector) *velocity/distance*
          SLS 3.7.2.2.1.1.1.3, 3.7.2.2.1.1.1.4
     Target Position Symbol =
              (Primary Target Class
               Beacon_Target_Category) *VFR, selected code
                    blocks*
          and Ident_Indicator
          and ^Aircraft Halo^
               SLS 3.7.2.2.1.1.1.3.a/b, 3.7.2.2.1.1.1.13
          Ident Indicator =
                    Latitude/Longitude_Position_Indicator
               or
                    Callsign
                    Tabular_Line_Identifier
               or
                    Computer_Identification
                    Beacon Code
               or
               or
                    Mode S Indicator/Mode S Data Link Indicator
                    SLS 3.7.2.2.1.1.1.3.au, 3.7.2.3.1.8, 6.2,
                         Task Analysis
     Track Position Symbol =
              [Controlling Sector/Facility ID]
          and [Track Status]
          and [Handoff Indicator]
          and FDB/PDB_Data
               SLS 3.7.2.2.1.1.1.3.c/d/e/eq-ej
          Track Status =
                    Nonconformance_With_Paired_Flight_Plan_
                         Indicator
               or
                    Hold_Character
               or
                    Coast Indicator
               or
                    Flight_Plan_Extrapolation Indicator
                    SLS 3.7.2.2.1.1.1.3.d
          Handoff Indicator =
                    Receiving_Sector_ID
                    SLS 3.7.2.2.1.1.1.e
     Track_Vector =
               Track_Velocity_' or
               Track_Distance_Vector
          or
          and Vector_Type_Indicator
               SLS 3.7.2.2.1.1.1.4
```

Table C-1. Logical Display Contents (Continued)

```
Data Block =
                          [Leader_Line]
              and (Full Data Block
                          Limited_Data_Block
                            Partial Data Block)
                            SLS 3.7.2.2.1.1.1.3
              Full_Data_Block =
                                           Callsign
                             and (Mode_C_Altitude
                             or (Pilot-Reported Altitude
                             and Indication_Of_Pilot-Reported_Altitude))
                             and ^Handoff_Status/Indicator^
                             and ^Exception_Beacon_Code^
                             and (Assigned_Altitude
                                           Interim Altitude)
                             and ^Altitude_Norconformance Indicator^
                             and Ground Speed
                             and "Conflict_Alert_Indicator"
                             and [Computer_Identification_Number]
                             and "MSAW"
                             and [Scratch Pad_Data]
                             "notation of the control of the cont
                              and "Aircraft_Special_Condition" *emergency, hijack,
                                                           radio failure, suspect aircraft, etc.*
                                          Aircraft_Type
                              and VFR Indicator
                              and ^Transponder_Failure_Notice^
                              and([Entry/Exit_Fix]
                              or [Overflight_Indicator])
                              and Destination Airport
                              and ^Pointout_Indicator^
                              and ^MSAW/CA_Suppression_Indicator^
                              and "Handoff_Alert_Indication"
                              and(^Mode_S_Indicator^
                      and/or ^Mode_S_Data_Link Indicator ^)
                              and [Automatic_Pointout_Suppression_Indicator]
                              and ^Data Transmission Failure^
                                             SLS 3.7.2.2.1.1.1.3.aa-ay/e/ca-cd/cf-cj,
                                                           3.7.2.2.1.1,4
                              and [Controlling_Sector/Facility_ID]
                              and [Track_Status]
                                             SLS 3.7.2.2.1.1.1.3.c/d
```

```
Handoff Status/Indicator =
              Receiving_Sector/Position_ID
         and (Initiated
             Accepted
         or
              Retracted)
         or
              SLS 3.7.2.2.1.1.1.3.e/ba/cg, 3.7.2.2.1.2.1.u
    Altitude Nonconformance Indicator =
              Reported Versus Assigned_Altitude Status
         and ^Mode_C_Reasonableness Check_Failure_
                   Indication^
              SLS 3.7.2.2.1.1.1.3.bb
    Exception_Beacon_Code =
               Reported_Versus_Assigned_Beacon_Code/
                   Mode S Address Difference
                SLS 3.7.2.2.1.1.1.3.bc/cf
    Pointout_Indicator =
               Receiving_Sector/Position_ID
          and (Accept
          on
               Reject)
               SLS 3.7.2.2.1.1.1.3.bf/bg/cf, 3.7.2.2.1.2.1.m
    Handoff_Alert_Indication =
               Handoff Not Accepted
               Auto_Handoff Inhibited
          or
               SLS 3.7.2.1.3.3, 3.7.2.2.1.1.1.3.bi/ch
Partial_Data_Block =
         (Mode_C_Altitude
     or (Pilot-Reported Altitude
     and Indication_Of_Pilot-Reported_Altitude))
     and ^Handoff_Status/Indicator^
     and (Assigned Altitude
          Interim Altitude)
     or
     and [Scratch Pad_Data]
     and "Heavy_Jet_Indica or"
     and Aircraft Type
     and [Overflight_Indicator]
     and Destination Airport
     and "Aircraft_Special_Condition" *emergency, hijack,
               radio failure, suspect aircraft, etc.
     and Track Status
     and Controlling_Sector/Facility
     and Ground_Speed
          SLS 3.7.2.2.1.1.1.3.ea-ej
```

Table C-1. Logical Display Contents (Continued)

```
Table C-1. Logical Display Contents (Continued)
         Limited Data Block =
                 ([Mode_3/A_Beacon_Code]
                   Special_Code_Indicator)
              and([Mode_S_Indicator]
           and/or Mode_S_Data_Link_Indicator^)
              and ^Mode C_Altitude^
              and [Ground Speed]
              and ^Aircraft_Special_Condition^ *emergency, hijack,
                         radio failure, suspect aircraft, etc.
                    SLS 3.7.2.2.1.1.1.3.fa-fe
         Leader_Line =
                  [Controlling_Sector/Facility_ID]
              and Track_Status
              and Handoff_Indicator
                    SLS 3.7.2.2.1.1.1.3.c/d/e
     Route Display =
              ^Incomplete_Route_Display Indicator^
         ond Planned_Route Of Single Aircraft
              SLS 3.7.2.2.1.1.1.10
    Range/Bearing/Time/Vertical_Velocity_Readout_Data =
               Range/Bearing Readout *distance and bearing, ground
                    speed, flying t.me*
               Fix/Time_Readout *speed adjustment*
          or
          or
               Range/Bearing/Fix_Readout *distance and bearing, ground
                    speed, flying time*
          or
               Continuous_Range_Readout *distance*
               Vertical Velocity Readout
               SLS 3.7.2.2.1.2.1.p/q/r/s/t
Weather_Descriptor =
         [Graphic_ATC_Radar_Weather]
          SLS 3.7.2.1.3.1, 3.7.2.2.1.1.1.7
     and [RWP_Hazardous_Weather_Data]
     and([RWP_Hazardous_Area_Outline])
     and([IFR/IMC Area Outlines])
          SLS 3.7.2.2.1.1.1.8
     Graphic_ATC_Radar_Weather =
             {[Precipitation]}3 *up to 3 annotated intensity levels
                    from each radar, except ASR-9 with 6 levels*
          and [Geographic_Area_Filter]
              SLS 3.7.2.1.3.1, 3.7.2.2.1.1.1.7
```

```
Table C-1. Logical Display Contents (Continued)
    RWP Hazardous Weather Data =
              [Precipitation Intensity]
          and [Turbulence]
          and [Point_Data_Mosaic] *graphic RWP data indicating points
                    of hazardous weather*
          and [Echo Tops Mosaic] *graphic RWP data indicating
                    highest altitude where precipitation was detected*
               SLS 3.7.2.2.1.1.1.8, 6.2
    RWP Hazardous Area Cutline =
              (Current Hazardous Area) *product annotation*
          and (Predicted Hazardous Area) *product annotation*
          and Type Of_Weather
          and (Hazardous_Weather_Alert) ^
              SLS 3.7.2.2.1.1.1.8
     IFR/IMC_Area_Outline =
              (Current IFR/IMC Area)
          and {Predicted_IFR/IMC_Area}
             SLS 3.7.2.2.1.1.1.8
Bockground Descriptor =
         (Geographic Map Data)
     and [Range Rings] *2, 5, 10, TBD NMI*
     and (Search_Radar_Strobe)
     and (Beacon_Radar_Strobe)
          SLS 3.7.2.2.1.1.1.2, 3.7.2.2.1.1.1.5, 3.7.2.2.1.1.1.6,
              3, 7, 2, 2, 1, 1, 1, 1, 11
     Geographic_Map_Data = *grouped by airport runway configuration*
              (Group Of Fixes)
          and (Group Of Airways)
          and (Fix)
          and (Sector Boundary) *grouped by altitude*
          and (Special_Use_Airspace)
          and (Military_Route)
          and (Airport)
          and (Obstruction)
          and (Holding Pattern Airspace)
          and {Minimum Vector Altitude} *MVA*
          and TBD
               SLS 3.7.2.2.1.1.1.2
          Special_Uce_Airspace =
                   (Special_Use Airspace_Boundary) •
               and [Activation Period]
               and [Altitude_Limits]
               and [Controlling_Agency]
                    SLS 3.7.2.2.1.1.1.2
```

Table C-1. Logical Display Contents (Continued)

```
Radar Strobe =
                   [Beacon_Radar_Strobe]
               and [Search Radar Strobe]
                    SLS 3.7.2.2.1.1.1.5, 3.7.2.2.1.1.1.6
    Conflict Resolution_Advisory =
              {Conflict Alert Resolution Option}4
         and {Track/Airspace Resolution Option}4 *MSAW advisory*
               SLS 3.7.2.1.3.4, 3.7.2.2.1.1.1.9, 3.7.2.2.1.1.4
         and {Conflict_Resolution_Vector}
         and (MSAW Vector)
               SLS Table 3.2-29
    Geographic Tagging =
               Line
          and Arc
          and Circle
          and Polygon
          and Alphanumeric String
               $L$ 3.7.2.2.1.1.1.12
Flight_Data_Display =
         [Flight_Data_Readout_Display]
     and [Arrival List]
     and [Departure List]
     and [Clearance_Pending_List]
     and [Standby List]
     and [Overflight_List]
          SLS 3.7.2.2.1.1.2, 3.7.2.2.1.1.4
     and "Suppressed FDE Indication"
          SLS 3.7.2.2.1.1.2.1
     and([Conflict_Resolution_Advisory])
          SLS 3.7.1.1.4.4, 3.7.2.2.1.1.4
     Flight Data Readout Display =
              "Insufficient_Display_Area_Indicator" #in route information
                    field*
          and {Flight_Data_Entry}
          and `flight_Data_Entry_Notation`
               SLS 3.7.2.1.3.2, 3.7.2.2.1.1.2, 3.7.2.2.1.1.2.1
          Flight_Data_Entry =
                   [Computer_Identification]
               and Callsign
               and ^No._Of_A/C_Heavy_Jet^
               and Aircraft_Type
               and ^Equipment_Qualifier′
```

Table C-1. Logical Display Contents (Continued)

```
Flight Data Entry (continued) =
     and Beacon_Code
         True Airspeed
          Indicated Airspeed
     and
     and (Departure Fix
          Coordination Fix)
     or
     and (Proposed Departure Time
          Coordination Time)
          Actual Departure Time
     and
     and
          Assigned Altitude
     and
          Requested Altitude
          Route Information *preferential route, route of flight,
     and
               insufficient display area indicator, remarks*
     and [Remarks_Indicator]
          Destination Airport
     and
     and (Controlling_Sector
          Controlling Facility)
     OF
          Interim Altitude
     and
          Reported Altitude
     and
          Mode C_Altitude
     and
     and Runway
     and "Altitude Nonconformance Indicator"
          Calculated_Ground_Speed
     and (IFR
          VFR)
     or.
         Initial Assigned Altitude
     and Expect Departure Clearance Time
     and ^Control Information^
          SLS 3.7.2.2.1.1.2.1, Table 3.7-11
Flight_Data_Entry_Notation = *FDEN*
          Exception Beacon Code **emergency, code other than
               assigned, radio failure, etc.*
     and
          Conflict Alert
          Minimum_Safe_Altitude_Warning *MSAW*
     and
          Data Block Pointout Initiated/Accepted/Rejected
     and
                *includes receiving position/facility ID*
     and
          FDE_Pointcut_Initiated/Received *includes receiving/
                sending position/facility ID*
          Destination_Field FDEN *radar vector heading, direct
     and
                route clearance*
          Departure_Fix/Coordination_Fix_Field_FDEN *altitude,
     and
                heading, turn instructions, alternate fix*
           Assigned Altitude_Field_FDEN *altitude restriction,
     and
                assigned altitude inappropriate for direction of
                flight/coordinated with ACF*
     and Record Of Clearances/Instructions_Delivered
```

Table C-1. Logical Display Contents (Continued)

```
Flight Data Entry Notation (continued) =
         and Coordination Of Information/Instructions With Pilot
                   *runway/taxiway assignment, intersection for
                    departure, departure/arrival gate, aircraft group,
                   ATIS code received, clearance approval, clearance
                   void time*
         and Speed Restriction_Assigned
         and VFR_Holding_Clearance/Instructions Issued
         and Future_Action_Required *regarding FDE field tagged*
         and (Flight Changed To Next Frequency
         and [New Frequency]
         and [Frequency_Time_Change])
             Changed_IFR_Flight_Plan To VFR
         and
             Flow_Restriction_Issued_Requiring_Adherence_To_
                    Departure Slot
              Ground Hold Issued *type of hold, hold time*
         and
              Track Control Transferred And/Or_Radar Service
         and
                    Provided/Terminated/Lost
          and (VFR Flight Following Provided
               Stage II Service Provided
               TCA Service Provided
          or
          o in
               TRSA_Service_Provided
          or
               ARSA Service Provided)
          and((SWAP
               Preferential_Route)
          or
          and Associated_Segment_Of Filed_Route)
               SLS 3.7.2.2.1.1.2.a-s, 3.7.2.2.1.1.4
Arrival List =
         (Sublist)6
     and (Flight Data Entry)
     and (Flight_Data_Entry_Notation)
     and "Suppressed FDEs_Indication"
          SLS 3.7.2.2.1.1.2.g/l, 3.7.2.2.1,1.2.2
Departure List =
         (Sublist)6 *active, inactive*
     and (Flight Data Entry)
     and {Flight_Data_Entry_Notation}
     and "Suppressed FDEs Indication"
          SLS 3.7.2.2.1.1.2.g/1, 3.7.2.2.1.1.2.3
Clearance Pending List =
         {Flight_Data_Entry}
     and (Flight_Data_Entry_Notation)
     and "Suppressed FDEs Indication"
          SLS 3.7.2.2.1.1.2.g/1, 3.7.2.2.1.1.2.4
```

```
Standby_List =
             (Flight Data Entry)
         and (Flight Data Entry Notation)
         and "Suppressed_FDEs_Indication"
            SLS 3.7.2.2.1.1.2g/1, 3.7.2.2.1.1.2.5
    Overflight List =
             (Sublist)6
             {Flight_Data_Entry}
         and (Flight Data Entry Notation)
         and `Suppressed_FDEs_Indication`
              SL$ 3.7.2.2.1.1.2.g/1, 3.7.2.2.1.1.2.6
System Environmental And Status Data Display =
         Aeronautical_And_Meteorological_Data
    and Airport Environmental Data
    and System_Status_Data
         SLS 3.7.2.2.1.1.3, Table 3.7-11
                   _______
    Aeronautical And Meteorological Data =
             [Surface Observation]
         and [Terminal Forecast]
         and([Grid Winds]
         and [Temperatures Aloft])
         and [Altimeter_Setting]
         and [NOTAM]
         and (PIREP)
          and [Center_Weather_Advisory]
          and (SIGMET)
          and (Convective SIGMET)
          and (AIRMET)
          and [Hurricane_Advisory]
          and [Area Forecast]
          and [Meterological_Impact_Statement]
          and [Convective_Outlook]
          and [Minimum Assignable Flight Level]
          and [General Information] *free-text alphanumeric message*
               SLS 3.7.1.1.3.6.2, 3.7.2.2.1.1.3, Table 3.7-11A
          Surface Observation =
                    Station_Designator
               and Type_Report *SA, SP, RS*
               and Time *observation time*
               and [Sky And Ceiling]
               and [Visibility]
               and [Weather_And_Obstruction_To_Vision]
               and [Sea_Level_Pressure]
               and [Temperature And Dew Point]
               and [Altimeter_Setting]
```

```
Surface Observation (continued) =
         and [Remarks] *amplifying and additional information
                   including PIREPs*
              SLS 3.7.1.1.3.6.2, FAA Academy TEM-17-1 142
Airport Environmental_Data =
         [Barometric Pressure] *DASI, altimeter setting; critical data*
    and([Center Field Wind Direction] *critical data*
    and [Center_Field Wind_Speed] *critical data*
    and [Center Field Wind Gust Speed]) *critical data*
    and({Runway Visual Range}3x5 *RVR thresholds, audible clarm;
              critical data*
    and Increasing/Decreasing Indicator)3)
    and([Remote Surface Wind Direction] *critical data*
    and [Remote_Surface_Wind_Speed] *critical data*
         Low_Level_Wind_Shear_Alert_System_Data) *boundary surface
              wind direction speed; critical data*
         SLS 3.7.2.1.3.6.1, 3.7.2.2.1.1.3, Table 3.7-11B
System Status Data =
         {Communication_Channel Assignment}
     and (Radio_Frequency)
     and {Radio_Equipment_Outage} *outage summary*
     and [Radio Equipment Repair_Schedule]
     and {Radar_Equipment_Outage} *outage summary*
     and [Radar_Equipment_Repair_Schedule]
     and (NAVAID Outage) *critical data; outage summary*
     and [NAVAID Repair Schedule]
     and [NAVAID Maintenance Schedule]
     and Airport_Information
     and Sectorization Plan In Effect *controller jurisdiction*
     and (Special_Use_Airspace)
     and (Training In Progress)
     and (Special Activity)
     and (Computer_Outage)
                             *critical data; outage summary*
     and (Data Communication_Line_Outage) *outage summary*
     and (Voice Communication Line_Outage) *outage summary*
     and (Usage of Adapted Routes)
     and {Usage_of_Operational_Functions}
     and [AWOS/ASOS Message]
     and (General_Remark)
     and (Traffic Management Restriction)
          SLS 3.7.2.2.1.1.3
     and [TCCC Stand-Alone Mode Indicator]
         SLS 3.7.2.2.1.1, 3.7.2.1.1.3.3
```

```
Airport Information =
                  (Departure Route)
              and (Arrival Route)
              and (Active Arrival Runway)
              and (Active Departure Runway)
              and (Closed Runway)
              and [Acceptance Rate]
              and [Outages_and_Repair_Schedule] *critical data*
              and [Runway Alert Data] *critical data*
              and [Airport_Lighting Systems_Status Intensity Levels
                        *approach light setting level; critical data*
              and [Boundary_and_Obstruction_Lights]
                                                     *critical data*
              and [Instrument_Landing_Aids] *ILS, MLS; critical data*
              and [Visual_Approach_Slope_Indicator] *VASI; critical data*
              and [ATIS Character] *critical data*
              and [ATIS Message]
                   SLS 3.7.2.1.3.6.1, 3.7.2.2.1.1.3, Table 3.7-11C
              ATIS Message =
                        Name of Terminal Area
                        Identification_Of_Message_By_Alphabetic_Character
                   and
                             *character changes each time a new ATIS
                             message is generated*
                        Time Of Weather Observation
                   and
                        Weather Information *current Surface Observation
                              (SA, RS, SP) for the girport*
                   and (Instrument/Visual Approach And Runway In Use)
                   and Departure_Runway *if different from landing runway
                              or for a "departure only" ATIS*
                        Approach Control Frequency *for initial contact of
                   and
                               VFR arrival aircraft*
                   and NOTAMs/PIREPs/SIGMETs/Convective_SIGMETs_In_Effect
                   and (Braking Action Advisory)
                   and (Other_System_Status_Data) *adapted for inclusion
                              on the ATIS*
                   and Remarks
                         $LS 3.7.2.1.3.6.4
Alert_And_Resolution_Display =
          Conflict_Alert *with aural alarm*
     and Minimum_Safe_Altitude_Warning *with aural alarm*
    and Aircraft_Emergency
     and Conflict/Warning/Emergency Alert Entry
     and Aeronautical And Meteorological Alert
     and Equipment_Outage_Alert
     and Equipment_Restoration_Alert
          SLS 3.7.2,1.3.4, 3.7.2.2.1.1.4
```

```
Conflict/Warning/Emergency_Alert_Entry =
             ([Callsign]
          and Alert Condition
          and [Computer-Generated_Conflict_Resolution Advisory])
              SLS 3.7.2.2.1.1,4
Special_Lists =
         [Coast/Suspend List]
     and [Last_Aircraft_To_Land_At_Airport_List]
     and [Emergency Airport List] *normal mode only*
     and [Group_Suppression_List]
     and [Traffic_Management_Advisory_List]
     and [Runway_Configuration_List]
     and [Departure Flow List]
     and [Auto_Handoff/Pointout_Inhibit_List]
          SLS 3.7.2.2.1.1.5
     Coast/Suspend List =
               Callsign
          and Status_Of_Track
          and Flight_Data
          and Sort Factor
               SLS 3.7.2.2.1.1.5.2
     Last Aircraft To Land At Airport List =
              (Airport)
          and (Runway)
          and (Callsign)
          and (Aircraft Type)
               SLS 3.7.2.2.1.1.5.3
     Emergency Airport List =
             5(Airport Name
          and Airport Identifier
          and Heading_To_Airport
          and Distance_To_/ port
          and Estimated Time To Airport)5
          and [Expanded_Emergency_Airport_Information]
               SLS 3.7.2.2.1.1,5.4
          Expanded_Emergency_Airport_Information =
                    Airport Name
               and Airport Identifier
               and (Runway Pata)
               and Controlling_ACF/ATCT
               and Associated Flight Service Station
               and Heading_To_Airport
               ana Distance_To_Airport
               and Time_To_Airport
```

```
Expanded Emergency Airport Information (continued) =
          and Emergency_Equipment_Available
          and Field Elevation
          and (Minimum_Safe_Altitude) *by quadrant*
          and({Instrument Approach}
           and (Outer Fix)
           and (Frequency))
           cnd Airport_Cctegory *I through III*
           and ^Airport_Barrier_Type^
           and {Surface Observation At Airport}
           and ^Other_certinent_Weather Information^
           and Contact Point *e.g., Airport Manager telephone
                     number*
           and Aircraft_Groups *1 through 4*
           and UNICOM Frequency
               SLS 3.7.2.2.1.1.5.4
           Runway Data =
                     Runway_Length
                and Runway_Width
                and Runway Alignment
                and Runway Surface Type
                     S'LS 3,7,1,2,1,1,5,10
Group_Suppression_List =
          {Group_Identification_Number} *in ascending order*
     and {Sector Number_Of_Other_Sector_Suppressing_Group}
      ana([Callsign])
          SLS 3.7.2.2.1.1.5.5
Traffic_Management_Advisory_List = *for parent ACF*
         [{Callsign}]
           All_Flights_Un_Airways/No_Directs
      and {Flights_On_Specific_Airways}
      or (Flights_Over_Specific_Fix))
      and (Specified_Times_Between_Flights) *number of flights per
                unit of time*
     and {Specified_Miles-In-Trail_Between_Flights}
      and (Altitude Constraint)
      and {Meter_Fix_Time}
      or {Meter_Boundary_Crossing Time}
      and [Flow_Restriction_Criteria]
      and TBD
           SLS 3.7.2.2.1.1,5.6
```

```
Flow_Restriction_Criteria =
              [Time]
          and Horizontal Location
          and Altitude Limits
          and {Arrival/Destination Airport}
          and (Entry-Exit_Fixes_Or_Boundary)
          and {Aircraft_Performance_Class} *e.g., aircraft type or
          and((Specified_Individual_Aircraft)
             (Class_Of_Aircraft)) *e.g., by user class*
               SLS 3.7.2.2.1.1.5.6
Runway Configuration List =
         {Candidate_Runway_Configuration} *capacity rank ordered for
               single and interrelated airports*
     and (Demand_Projection_By_Time_Interval) *by aircraft type and
               arrivals and departures*
     and (Airport Status)
     and (Runway_Assignment)
     and (Adapted Capacity Value) *as function of arrival/departure
               demand and aircraft type distribution*
     and (Projected_Capacity_Value_Per_Time_Interval)
     and (Demand/Capacity Differential)
     and (Weather And Winds)
     and {Weather_Minima}
     and (TMC Threshold For Alert Message)
     and ^Changing_Condition_Alert_Message^
     and TBD
          SLS 3.7.2.2.1.1.5.7
Departure Flow List =
         (Flow_Constraint) *airport, departure fix, en route*
     and Aircraft_Identification
          Departure And Destination Airport
          Departure Metering Fix
     and
         Flight_Status
     and
          Runway
     and
          Fix_Crossing_Time
          Proposed Departure Time
         Push_Back_Time
     and
     and {Available_Departure_Slot} *for individual aircraft*
     and (Scheduled Departure Time
     and
          Assigned Delay)
     and
          TBD
          SLS 3.7.2.2.1.1 5.8
```

```
Auto Handoff/Pointout Inhibit_List =
              {Position_Or_Facility_Automatic_Handoff_Inhibited}
          and [Automatic Pointout Inhibited At This Position]
               SLS 3.7.2.2.1.1.5.3
Message_Composition_And_Response_Display =
         Message Composition_Display
     and Response_Display
          SLS 3.7.2.2.1.1.6
    Message_Composition_Display =
              [Message Composition Menu] *message composition choices*
          and [Message Composition Template] *form-filling dialog, Quick
                   Reference message entry format*
          and Message Preview_Area
               SLS 3.7.1.2.1.2.aa2, 3.7.2.2.1.1.6, 3.7.2.2.1.2
     Response_Display =
               System Query Response
          and System_Processing_Response
          and [Message Waiting Indicator]
          and [Priority_Receipt_Acknowledgement]
               SLS 3.7.2.1.3.7, 3.7.2.2.1.1.6
          System Processing Response =
                  (Message_Accept_Indicator
                  Message_Reject_Indicator
               or Message_Error Indicator)
                    SLS 3.7.2.2.1.1.6
         System Query Response =
                    ATC_Mail_Message_Readout
                    Flight_Plan_Readout
               ο.
                  Weather_Data_Readout
                    Route_Readout
               or TBD *other data base information provided in
                         response to controller request*
                    SLS 3.7.2.2.1.1,6
          Message_Waiting_Indicator =
                    Incoming Message_Receipt
               and Message_Classification *priority, standard*
               and Number Of Messages In Quoue *by classification*
                    SLS 3.7 2.1.3.7
```

```
Static_Information_Display =
       {[Instrument_Approach_Procedure]} *IAP*
    and([Low_Altitude_IAP]) *published by DOD for military terminals*
    and([VFR_Terminal_Area_Chart])
    ond([STAR/Profile_Descent]) *standard terminal arrival*
    and([SID/Departure_Procedure]) *standard instrument departure*
     and([Controller_Chart])
    and([Control_Zone_Obstruction_Chart])
     and([Noise Abatement Zone])
    and([Airport_Layout])
     and{[Circling_Approach_Area_Chart]}
     and [Airport_Visibility_Checkpoints]
     and [Airman's_Information Manual]
    and [Air_Traffic_Control, FAA_Order_7110.65]
     and [Standard_Operating_Procedures] *SOP*
    and([Letter_Of Agreement])
    and([Position_Checklist])
     and([NAVAID/Sector_Frequency])
     and([Sunrise/Sunset_Table])
         SLS 3.7.2.2.1.1.7
{Free-Form_Text_Note}
        SLS 3,7,2,2,1,1.10
Tower_Communications_System_Display *
         TRD
         SLS 3.2.2.2.6, 3.7.2.1.3.6.4, 10.2.4, 10.2.5
Airport_Surface_Detection_Equipment_Display *
         SLS 3.2.2.2.6
         Aircraft/Vehicle_Radar_Data
     and Airport_Video_Map
         Task_Analysis
!Reminder_Movement_Area_Diagram =
         Movement_Area_Release_Status
         Task Analysis
```

CONTROLLER INPUT MESSAGES

Table C-2 presents the messages input by the Tower controller to the TCCC, including operational messages (e.g., handoff, pointout, or status change) and system control messages (e.g., display adjustment). The following notations are used in this table:

=		Is defined as				
and	=	And				
Or	=	Exclusive "or"				
()	=	Message items form a group				
{ }	=	Multiple iterations of a message item. Numbers added in the form $X\{ \} Y$ indicate at least X but not more than Y iterations of the message. By default, $X = 0$ and $Y = no$ upper limit defined.				
[]	==	Optional item (displayed or not displayed at controller's choice)				
* *	=	Comment				
@	=	Reference:				
			tomation System, System Level 28 August 1987 [21]. (Citations are th number.)			

Categories of message entry functions:

TRACK CONTROL

Transfer of Control
Data Block Manipulations
Separation Assurance Control
Pointout Actions
Interim Altitude

FLIGHT DATA CHANGES

SYSTEM ENVIRONMENTAL AND STATUS DATA

ALERT AND RESOLUTION DATA

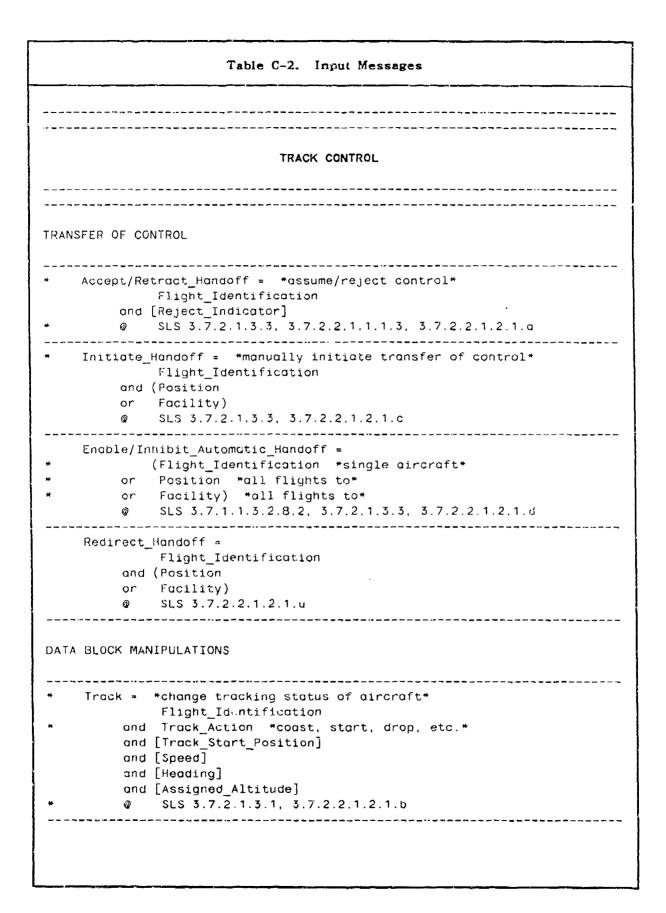
AIRPORT EQUIPMENT AND LIGHTING SYSTEM CONTROL

DISPLAY CONTROL

Situation Display Adjustments
Flight Data Display Manipulations
System Environmental and Status Data Display Manipulations
Alert and Resolution Display Responses and Manipulations
Special Lists Manipulations
Message Manipulations
Static Information Display Manipulations
Controller Notepad Display Manipulations
Sign On/Sign Off

Movement Area Release Diagram Manipulations General Display Functions

The Display Control sections include ancillary actions of controllers which previously were reported separately in Appendix B.



```
Force Data Block = "display or remove display"
              Flight Identification
              SLS 3.7.2.2.1.1.1.3.dd, 3.7.2.2.1.2.1.e
    Quick_Look = *display, terminate*
             {Sector Number}
             SLS 3.7.2.2.1.1.1.3.dc, 3.7.2.2.1.2.1.1
    Track Reposition = *reassociate with target symbol*
              Flight Identification
         and New_Coordinate Position
              SLS 3.7.2.2.1.2.1.0
SEPARATION ASSURANCE CONTROL
    Suppress/Restore_Conflict_Alert_Pair/Conflict_Resolution_Advisory =
              Flight_Identification *Aircraft 1*
         and Flight_Identification *Aircraft 2*
         and [Suppress/Restore Alert Indicator]
         and [Suppress/Restore_Resoluti n Advisory] *Situation Display,
                   all displays*
              SLS 3.7.2.2.1.2,1,i
    Group_Suppression =
               Action_Indicator *add, delete, print*
          and Group Identification Number
      and/or2(Flight Identification)15
          and [Airspace]
          and [Altitude Range]
          and [Time Period]
              SLS 3.7.2.2.1.2.1.j
     Suppress/Restore_MSAW_Alert/Conflict_Resolution_Advisory =
        Flight Identification
          and [Suppress_Alert_Indicator]
          and [Suppress_Resolution_Advisory] *Situation Display, all
                    displays*
          and [Facility]
              SLS 3.7.2.2.1.2.1.k
     Flight_Plan_Extrapolation = *display, suppress*
               Flight_Identification
               SLS 3.7.2.2.1.2.1.n
     Vertical_Velocity_Readout = *display, terminate*
               Flight_Identification
               SLS 3.7,2,2,1,2,1,p
```

```
Fix/Time Readout = *display/terminate speed adjustment*
       Flight Identification
   and Fix
   and [Time]
       SLS 3.7.2.2.1.2.1.q
    Range/Bearing Readout = *display/terminate distance and bearing,
       ground speed, flying time*
      (First Point Identifier
       Flight Identification)
   and Second Point_Identifier
   and [Speed]
   and [Magnetic/True Bearing]
       SLS 3.7.2.2.1.2.1.r
                     Range/Bearing/Fix Readout = *display/terminate distance and bearing,
       ground speed, flying time*
       (Point Identifier
       Flight_Identification)
   and Adapted Fix
   and [Speed]
   and [Magnetic/True_Bearing]
       SES 3.7.2.2.1.2.1.8
Continuous Range Readout = *display/suppress distance*
       (Flight_Identification)
   and [Point Identifier]
       SLS 3.7.2.2.1.2.1.t
Request/Suppress Route Display =
       Flight Identification
    and [Minutes_Of_Flight_Time]
       SLS 3.7.2.2.1.1.1.10
              Request/Suppress_Track_Velocity_Vector =
       [Minutes]
       SLS 3,7.2.2.1.1.1.4
    Request/Suppress_Track_Distance_Vector =
       [Miles]
       SLS 3.7.2.2.1.1.1.4
       Enter/Delete_Scratch_Pad_Data *in Full Data Block*
    @ SLS 3.7.2.2.1.1.1.3.bj
```

```
Latitude/Longitude Readout = *display, delete*
            [Cursor_Position]
        and [Fix]
        and [Fix/Radial/Distance]
           SLS 3.7.2.2.1.2.1.v
POINTOUT ACTIONS
   Initiate Pointout = *data block pointout*
            Flight Identification
        and (Position
        or Facility)

    SLS 3.7.2.2.1.2.1.f

    Enable/Inhibit Automatic Pointout =
            (Flight_Identification *single aircraft*
        or Sector *all flights to*
        or Facility) *all flights to*
            SLS 3.7.2.2.1.2.1.g
    Pointout_Accept/Reject = *data block pointout*
             Flight Identification
        and [Reject_Indicator]
         SLS 3.7.2.2.1.1.1.3, 3.7.2.2.1.2.1.m
INTERIM ALTITUDE
   Interim Altitude = "set, remove"
             Flight_Identification
        and Altitude
            SLS 3.7.2.2.1.2.1.h
                       FLIGHT DATA CHANGES
      *Flight Data Amendment = *IFR or VFR flight plans, enter VFR/IFR flight
             rule change*
         Flight Identification
   and Field_To_Be_Modified *modify, add to, delete*
    and New Data
        SLS 3.7.2.1, 3.7.2.1.3.2, 3.7.2.2.1.2.2.a, 3.7.2.3.2
```

```
*Departure = *activate a proposed departure or proposed airfile flight
                  plan*
         Flight Identification
    and [Departure_Time]
    and [Assigned Altitude]
       SLS 3.7.2.2.1.2.2.b
Discrete Code Request/Assignment = *assign, change*
         Flight_Identification
    and [Beacon_Code]
    and [Code_Subset_Designator]
       SLS 3.7.2.2.1,2.2.c
*Flight Plan = *enter IFR flight plan*
         Callsign
    and A/C_Data
    and [Beacon_Code]
    and True Air_Speed
    and (Coordination Fix
        Departure Point)
    and Coordination_Time
     and Altitude
     and Route
     and [Remarks]
     and [Mode $ Address]
     and [Indicated_Airspeed]
     and [Destination Airport]
         SLS 3.7.2.1, 3.7.2.1.3.2, 3.7.2.2.1.2.2.d, 3.7.2.3.2
         *Drop Flight Plan = *delete FDB and FDE from ATC system*
         Flight Identification *IFR or VFR*
         SLS 3.7,2.2.1.2.2.f
*Stereo Flight Plan = *enter*
         Callsign
     and [A/C Data]
     and [Speed]
     and Coordination_Time
     and [Altitude]
     and Sereo Tag
     and [Remarks]
         SLS 3.7.2.1, 3.7.2.1.3.2, 3.7.2.2.1.2.2.g, 3.7.2.3.2
FDE_and_Data_Field_Emphasis = *add, modify, delete*
          Flight Identification
     and Field_To_Be_Emphasized *full FDE, field, subfield*
     and Emphasized Data *enter, modify, delete, restore*
          SLS 3.7.2.2.1.1.2.h/i, 3.7.2.2.1.2.2.i
```

```
FDE Pointout = *force FDE to another sector*
          Flight Identification
     and [Sector_Posting_Number)
     and Sector Number
     @ SLS 3.7.2.2.1.2.2,j
Request_FDE(s) =
        [(flight_Identification)]
     and([Sector_Number]
     or [Facility_Identifier]
     or [Position Identifier])
     and [Posting_List_Header]
       SLS 3.7.1.1.3.3.2.5, 3.7.2.2.1.2.2.k
Emergency Airport = "display, terminate"
         Flight_Identification
        SLS 3.7,2.2.1.2.2.n
Runway_Assignment = *assign, reassign* *FDEN*
          Flight Identification
     and Runway
       SLS 3.7.2.2.1.2.2.0
VFR_Flight_Plan =
          Aircraft Identification
     and [A/C_Data]
     and [Beacon_Code]
     and [Departure_Point]
     and [Destination]
     and [True_Air_Speed]
     and [Coordination_Fix]
     and [Coordination Time]
     and [Altitude]
     and [Route]
     and [Remarks]
     and [Heading]
     and [Runway Assignment]
     and [Estimated_Time_Of_Arrival]
     and [Coordination]
         SLS 3.7.2.1, 3.7.2.1.3.2, 3.7.2.2.1.2.2.q, 3.7.2.3.2
*Position-To-Position_Transfer_Of_Data = *FDE to other tower position*
          Flight Identification
     and Receiving Position
         $L$ 3.7.2.2.1.2.2.s
```

```
Transfer For Amendment = *to clearance delivery/flight data position*
         Flight Identification
         SLS 3.7.2.2.1.2.2.t
Missed Approach = *FDEN*
         Flight Identification
    and [Position] *override adapted approach control position*
        SLS 3.7.2.2.1.2.2.u
                           ______
Altitude Restriction Message = *enter/cancel FDEN*
         Flight Identification
    and([Restriction])
       SLS 3.7.2.2.1.1.2q, 3.7.2.2.1.2.2.w
Airport_VFR_Flight_Plan_Request =
         Callsian
    and [Flight Status] *arrival, departure, overflight*
     and [Code Block Selection]
     and([CFSD Coordinates
     or Fix
     or Direction]) *magnetic bearing*
     and [Airport]
        SLS 3.7.2.1.3.2, 3.7.2.2.1.2.2.x, 3.7.2.3.2
*Departure_Scheduling_Message = *assign_departure_slot*
         Flight_Identification
     and Scheduled Slot Time
       SLS 3.7.1.1.3.4.3, 3.7.2.2.1.2.2.y
Departure Flow Management Aircraft Data =
         Flight Identification
     and Start_Tax1_Time
     and 180
         SLS 3.7.1.1.3.4.3, 3.7.2.2.1.2.2.z
*Enter/Delete_FDE_Notation = *FDEN*
          Emergency/Code Other Than Assigned/Radio Failure
     and Conflict Alert
     and Minimum Safe Altitude Warning *MSAW*
     and Data_Block_Pointout_Initiated/Accepted/Rejected
     and FDE Pointout Initiated/Received
     and Destination_Field_FDEN *radar vector heading, direct route
              clearance*
     and Departure Fix/Coordination Fix Field FDEN *altitude, heading,
               turn instructions, alternate fix*
     and Assigned Altitude Field FDEN *altitude restriction, assigned
               altitude imappropriate for direction of flight/coordinated
               with ACF*
     and Record_Of_Clearances/Instructions Delivered
```

```
Enter/Delete_FDE_Notation (continued) = *FDEN*
     and Coordination_Of_Information/Instructions_With_Pilot #runway/
               taxiway assignment, intersection for departure, departure/
               arrival gate, aircraft group, ATIS code received,
               clearance approval, clearance void time*
    and Speed Restriction Assigned
     and VFR_Holding Clearance/Instructions Issued
     and Future_Action_Required *regarding FDE field tagged*
    and (Flight_Changed_To_Next_Frequency
     and [New Frequency]
     and [Frequency Time Change])
    and Changed_IFR_Flight_Plan_To VFR
     and Ground Hold Issued *type of hold, hold time*
     and Track_Control_Transferred_And/Or_Radar_Service_Provided/
               Terminated/Lost
     and (VFR_Flight_Following Provided
          Stage_II_Service_Provided
     or
          TCA_Service_Provided
         TRSA Service Provided
     or
          ARSA Service Provided)
     or
     and((SWAP
     or
         Preferential /Route)
     and Associated_Segment_Of_Filed_Route)
          SLS 3.7.2.2.1.1.2.e/f/g/h/i/j/k/1/m/n/p/q/r/s
                   SYSTEM ENVIRONMENTAL AND STATUS DATA
RVR_Alarm_Threshold_Specification =
          Threshold
     and Runway
     and1(RVR_Location)3
          SLS 3.7.2.2.1.2.3.a
A&M Data Amendment =
          A&M_Data_Type
     and [Station/Location/Area Identifier]
     and [Altitude_Limits]
     and Text
          SLS 3.7.2.2.1.2.3.h
     and [Altimeter_Setting_Duta] *Mode C altitude pressure correction*
         SLS 3.7.2.3.1.4
```

```
*PIREP_On_ATIS = *add, delete*
         Designated PIREP
         SLS 3.7.2.2.1.2.3.c
!Modify/Append Stored ATIS Source_Data
    @ SLS 3.7,2.1.3.6.4
PIREP = *generate, route*
        (Flight Identification
    or (Type Aircraft
    and Location))
    and [Time]
    and [Coordination] *force urgent PIREP*
    and Text
         SLS 3.7.2.2.1.2.3.d
*Sensor_Override = *inhibit/permit airport environmental sensor data*
          Sensor ID
     and [Fallback Value]
     and [Inhibit/Permit_Data]
         SLS 3.7.2.2.1.2.3.e
    ______
*System Status Data_Change =
          SLS 3.7.2.2.1.2.3.f, Table 3.7-11C
          Data Category
     and Text
         Task Amalysis
     Data_Category =
              (Communication Channel Assignment)
          and (Radio Frequency)
          and (Radio_Equipment Outage)
          and Radio Equipment Repair Schedule
          and (Radar Equipment_Outage)
          and Radar Equipment Repair_Schedule
          and (NAVAID Outage)
          and NAVAID_Repair_Schedule
          and NAVAID_Maintenance_Schedule
          and Airport Information
          and Sectorization_Plun_In_Effect
          and (Special Use Airspace)
          and (Training_In_Progress)
          and (Special Activity)
          and (Computer_Outage)
          and (Data Communication Line Outage)
          and (Voice_Communication_Line_Outage)
          and (Usage Of Adapted Routes)
          and (Usage_Of_Operational_Functions)
          and AWOS/ASOS_Nessage
```

```
Table C-2. Input Messages (Continued)
    Data Category (continued) =
         and (General Remark)
         and (Traffic Management Restriction)
            SLS Table 3.7-11C, 3.7.2.2.1.2.3.f
Append AWOS/ASOS Data =
         Text
         SLS 3.7.2.1.3.6.5, 3.7.2.2.1.2.3.g
                       ALERT AND RESOLUTION DATA
Alert_And_Resolution_Data_Entry
       SLS 3.7.2.2.1.1.4
             AIRPORT EQUIPMENT AND LIGHTING SYSTEM CONTROL
Adjust_Lighting_System_Intensity =
         Lighting_System
    and#(Intensity_Level)5
    SLS 3.7.2.1.3, 3.7.2.1.3.6, 3.7.2.1.3.6.2, 3.7.2.2.1.2.4
    Lighting System =
         and Omnidirectional_Airport_Lighting_System *ODALS*
         and Approach_Lighting_System * ALSF-2, MALSR
         and Lead In Lighting System *LDIN*
         and (Precision_Approach_Path_Indicator *PAPI*
         and Visual_Approach_Slope_Indicator "VASI"
         and Runway_End_Identifier_Lights *REIL*
              SLS Table 3.2-22
Switch_Airport_Lighting_System_Control =
         Tower Control
     or
         Remoted_Control #A/G, FSS, airport operator*
         SLS 3.7.2.1.3.6.2
Equipment_System
    and Control Change
    @ SLS 3.7.2.2.1.2.4
```

```
Equipment System =
         ond Instrument_Landing_System #ILS*
         and Microwave Landing System *MLS*
         and Non-Directional Beacon *NDB*
         and Distance Measuring Equipment *DME*
         and Runway Visual Range *RVR*
         and Digital_Altimeter_Setting_Indicator *DASI*
         and Center_Field_Wind *CFW*
         and Low-Level_Windshear_Alert_System *LLWSAS*
         and (Automated Surface Observation System *ASOS*
         and Automated_Weather_Observation_System *AWOS*
              SLS Table 3.2-22
                           DISPLAY CONTROL
SITUATION DISPLAY ADJUSTMENTS
                          Select Geographic Area =
              Center_Point *within facility area*
         and Radius *range about the center point*
         @ SLS 3.7.2.2.1 1.1.1
    Select_Display_Range =
              Range *12 to 120 NMI in 1 mile increments*
              SLS 3.7.2.2.1,1.1.1
     " *lect/Inhibit_Category_Of_Geographic_Map_Data =
             {Croup Of Fixes}
         and {fix} *grouped by airport runway configuration*
         and (Group_Of_Airways)
         and (Sector Boundary) *grouped by altitude*
         and (Special_Use_Airspace_Boundary) *>n area-by-area basis*
         and {Airport}
         and (Obstruction)
         and (Minimum Vector Altitude) *MVA*
         and {Military_Route}
         and (Holding_Pattern_Airspace)
         and TBD
             SLS 3.7.2.2.1.1.1.2
```

```
Emphasize/Deemphasize Category Of Geographic Map Data =
       {[Group Of Fixes]}
    and([Fix]) *grouped by airport runway configuration*
    and([Group Of Airways])
    and([Sector Boundary]) *grouped by altitude*
    and([Special Use Airspace_Boundary])
    and([Special_Use_Airspace_Alphanumerics])
    and([Airport])
    and{[Obstruction]}
    and{[Minimum_Vector_Altitude]} *MVA*
    and([Military_Route])
    and([Holding_Pattern_Airspace])
    and TBD
         SLS 3.7.2.2.1.1.1.2
Reposition/Suppress_Special_Use_Airspace_Alphanumerics
     @ SLS 3.7.2.2.1.1.1.2
Select Radar Site For Surveillance Data Presentation #if more than
     one radar surveillance site providing data to TCCC*
         SLS 3.7.2.2.1.1.1
Select/Deselect_Number_Of_Track_History_Positions *up to 5*
     @ SLS 3.7.2.2.1.1.1.3
Select/Deselect Target/Track Data Category

② SLS 3.7.2.2.1.1.1.3

Select_Target/Track_Altitude_Strata
     @ SL$ 3.7.2.2.1.1.1.3
                           ______
Select/Inhibit_Display_Of_Class/Category_Of_Primary/Beacon_Targets =
         Target_Class/Category
         SLS 3.7.2.2.1.1.1.3
Select/Inhibit Display_Of Data_Block_Field =
         (Flight Identification
         All FDB/PDB/LDB)
     or
     and TBD
          SLS 3.7.2.2.1.1.1.3
Select/Inhibit_Display_Of_Strobe_Lines =
         [Search_Radar_Strobe]
     and [Beacon Radar_Strobe]

    SLS 3.7.2.2.1.1.1.5, 3.7.2.2 1.1.1.6
```

```
Select/Inhibit_Display_Of_Range_Rings =
         [Center Point]
    and [Spacing] *2, 5, 10 nautical miles*
    and [Number_Of_Rings]
         SLS 3.7,2,2,1,1,1,11
Suppress/Restore Full Data Block *FDB pointout*
       SLS 3.7.2.2.1.1.1.3
Display/Suppress LDB Data =
         [Mode_S_Indicator]
     and [Ground_Speed]
     and [Beacon Code]
         SLS 3.7.2.2.1.1.1.3
Adjust Filter Limits For Partial_Data_Block_Display =
        Altitude Limits
       SLS 3.7.2.2.1.1.1.3
Adjust_Filter_Limits_For_Limited_Data_Block_Display =
       ([Altitude Limits]
     and [Beacon_Code_Limits]
     and [Geographic Area])
     @ SLS 3.7.2.2.1.1.1.3.ga-gc
Manually Offset Data Block =
         (Flight_Identification *FDB, PDB, LDB*
          TBD)
     or
     and Leader Direction
     and Leader_Length
          SLS 3.7.2.2.1.1.1.3
Select Automatic/Manual Data Block Offset =
          Flight_Identification
     or
          All FD8
          SLS 3.7.2.2.1.1.1.3
Adjust Data Item/Category Display_Intensity =
          Display_Item *target/track symbols, track vector,
               beacon radar strobe limes*
          Data_Category *data block type, position history data*
          SLS 3.7.2.2.1.1.1.3, 3.7.2.2.1.1.1.4, 3.7.2.2.1.1.1.6
 Enter/Remove Geographic Tagging =
        ((CPSD Designated Point)
     or (Fix)) *including latitude and longitude designations*
     and Line
     and Arc
     and Cirple
```

```
Enter/Remove Geographic Tagging (continued) =
    and Polygon
    and Alphanumeric String
        SLS 3.7.2.2.1.1,1.12
Display/Delete_Aircraft_Halo =
       ((Flight Identification)
    or All Halos)
    and [Halo Size] *radius Ø.1 to 1Ø NMI*
       SLS 3.7.2.2.1.1.1.13
Select ATC Radar Precipitation_Level_For_Display =
        (Precipitation Level)3
    and [Geographic Area]
       SLS 3.7.2.2.1.1.1.7
   Select_Automatic/Controller-Selected_ATC_Radar_Weather_Filtering =
         Geographic Area
    @ SLS 3.7.1.1.3.6, 3.7.1.1.3.6.1, 3.7.2.2.1.1.1.7
Select RWP Graphic Weather Product For Display = *up to 3 products*
        (Radar Derived Precipitation)6
    and (Turbulence)6
    and [Point Data Mosaic] *map*
    and [Echo_Tops_Mosaic] *map*
    and {Predicted Hazardous Area Outline}
    and (Current_Hazardous_Area_Outline)
    and Hazardous_Weather_Area_Outline_Product
    and (Altitude Layer)3
    and IFR Area_Outline_Product
    and [Altitude Limits]
    and [Geographic Area]
       SLS 3.7.1.1.3.6, 3.7.1.1.3.6.1, 3.7.2.2.1.1.1.8
Inhibit_Use_Of_Top_Altitude_Of_A_Block *for automatic handoff of
    tracks*
        SLS 3.7.2.1.3.1, 3.7.2.1.3.3
Select Automatic/Controller-Selected RWP Graphic Weather =
         Geographic Area Filter
     and Altitude
         SLS 3.7.2.2.1.1.1.8
Acknowledge Hazardous Weather Alert *deemphasize attention coding*
     Ø SLS 3.7.2.2.1.1.1.8
```

```
FLIGHT DATA DISPLAY MANIPULATIONS
    Select_Flight Data_Entry Format =
             (Flight Identification
         or [FDE List)
         and1(FDE Format)6
            SLS 3.7.2.2.1.1.2.i
    Manually Order_FDE = *place, move*
             Flight_Identification
         and Desired Location *in a Flight Data Display list*
            SLS 3.7.2.2.1.1.2.2/3/4/5/6, 3.7.2.2.1.2.2.b, 3.7.2.2.1.1.2.3
    Suppress/Restore Display of FDE =
             Flight Identification
             SLS 3.7.2.2.1.1.2.k
    Select FDE Updating Option =
             (Automatic_Update_With_Data_Emphasis
             Automatic Update With Data Emphasis And Controller
                  Acknowledgement_To Delete_Emphasis
             Automatic Update _With Data Emphasis Beside Old Data And
                  Acknowledgement_To_Delete_Old_Data)
              SLS 3.7.2.2.1.1.2.m
    Acknowledge FDE Update
         @ SLS 3.7.2.2.1.1.2.m, 3.7.2.2.1.2.2.t
     Select FDE Sort Technique *factor priority, format*
         @ SLS 3.7.2.2.1.1.2.2/3/4/5/6
     Choose Ascending/Descending_FDE Sort Order
         @ SLS 3.7.2.2.1.1.2.2/3/4/5/6
    Move_FDE_From_Inactive_To_Active_Departure_Sublist
         @ SLS 3.7.2.2.1.1.2.3
    Delete_FDE_In Arrival List/Departure_List/Overflight_List
         Q SLS 3.7.2.2.1.1.2.2/3/6
     Ground Control) List
         @ SLS 3.7.2.2.1.1.2.4/5
```

```
Transfer_Standby_List_FDE_To_Ground_Control
         @ SL$ 3.7.2.2.1.1.2.5
    Designate Aircraft For Posting In Overflight List
         @ SLS 3.7.2.2.1.1.2.6
SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY MANIPULATIONS
    Deemphasize Updated Data Field
        @ SLS 3.7.2.2.1.1.3
    Select Meteorological Message For Display
        @ SLS 3.7.1.1.3.6.2, 3.7.2.2.1.1.3.a.9
    Inhibit/Restore_Display_Of_Low_Level_Wind_Shear_Data =
              Runway Selection
        @ SLS 3.7.2.2.1.1.3.a
    Select_Status_Data_Page_For_Display =
              Critical_Duta *for runway of interest*
         and Outage Summary
         and Runway/Approach/Taxiway_Lights
         and RVR Status
         and VASI Status
         and ILS/MLS Monitor
         and LLWAS Status
          and A&M_Data *for selected data*
         and AWOS/ASOS Data
              SLS 3.7.2.2.1.1.3.a-h/j
     Request/Suppress Display_Of_NOTAMs/PIREPs_for_Airport
              SLS 3.7.2.2.1.1.3.h
     Request/Suppress_Display_Of_Current_ATIS_Message
       @ SLS 3.7.2.2.1.1.3.h
     Request/Suppress_Display_Of_Weather_For_Selected_Airport
       SLS 3.7.2.2.1.1.3.h
ALERT AND RESOLUTION DISPLAY RESPONSES AND MANIPULATIONS
     Acknowledge Conflict/MSAW/Emergency Alert *suppress*
          @ SLS 3.7.2.2.1.1.4
```

Table C-2. Input Messages (Continued) Acknowledo: A&M Alert *SIGMET, AIRMET, urgent PIREP, etc.* Ø SLS 3.7.2.2.1.1.4 Save A&M Alert Information @ SLS 3.7.2.2.1.1.4 Suppress_Conflict_Resolution_Advisory_Display @ SLS 3.7.2.2.1.1.4 Acknowledge_Equipment Outage/Restoration Alert *suppress* @ SLS 3.7.2.2.1.1.4 Save Equipment Outage/Restoration Alert_Information @ SL\$ 3.7.2.2.1.1.4 SPECIAL LISTS MANIPULATIONS Display/Suppress Special List = Ø SL\$ 3.7.2.2.1.1.5 and [field_Of_Departure_Flow_List] @ SLS 3.7.2.2.1.1.5.8 Emphasize/Deemphasize Special List Data Item SLS 3.7.2.2.1.1.5 Prioritize Sort Factors For Coast/Suspend List SLS 3.7.2.2.1.1.5.2 Select_Ascending/Descending_Sort_Order_For_Coast/Suspend_List @ SLS 3.7.2.2.1.1.5.2 Override_Aircraft_Type_Selection_For_Emergency_Airport_List SLS 3.7.2.2.1.1.5.4 Request_Expanded_Emergency_Airport_Information = Airport SLS 3.7.2.2.1.1.5.4 Request/Suppress_Display Of Callsigns_Of_Suppressed_Group **Q** SLS 3.7.2.2.1.1.5.5 Request_Applicability_Criteria_For_Flow_Restriction_Entry @ SLS 3.7.2,2.1.1.5.6 Suppress_Aircraft_IDs_On_Flow_Restrictions_Display SLS 3.7.2.2.1.1.5.6

```
MESSAGE MANIPULATIONS
     Query_Data_Base_For_Selected_Readout =
              Data Description *flight plan, route, weather data,
                    ATC Mail message, etc.*
              SLS 3.7.2.1.3.2, 3.7.2.2.1.1.2.1, 3.7.2.2.1.1.6
     Compose ATC Mail =
              Text_Of_Message
          and (Recipient)
          and [Priority_Designator]
          and [Controller_Note]
            SLS 3.7.2.1.3.7, 3.7.2.2.1.1.10, 3.7.2.2.1.2.6.a
    Edit_ATC_Mail = *to edit existing message*
              (ATC Mail Message)
          and (Recipient)
          and [Cut-And Paste]
          and [Select/Copy-And-Paste]
             SLS 3.7.2.1.3.7, 3.7.2.2.1.2.6.b
    Save_ATC_Mail = *save, recall*
              ATC Mail_Message
          and [Portion To Save]
            SLS 3.7.2.1.3.7, 3.7.2.2.1.2.6.c
     Delete ATC Mail =
               ATC_Mail Message
               SLS 3.7.2.1.3.7, 3.7.2.2.1.2.6.d
     Acknowledge Receipt Of Priority ATC Mail
          @ SLS 3.7.2.1.3.7
     Display_Quick_Reference_Message_Entry_Format
               SLS 3.7,1.2.1.2.ao2, 3.7.2.2.1.2
     Display_Quick_Reference_Message_Entry_Format_Data
          SLS 3.7,1.2,1.2,aa2, 3.7.2.2.1.2
     Save Query Response Data On Other Display =
               Display_For_Message_Data_Save
              [Portion_To_Save]
             SLS 3.7.2.2.1.1.6
     Record ATIS Message *append controller spoken remarks via TCS*
          @ SLS 3.7.2.1.3.6.4
```

```
Amend ATIS Message *modify stored source data*
         @ SLS 3.7.2.1.3.6.4
    Request ATIS Message_Be_Updated
         ω SLS 3.7.2.1.3.6.4
    Review_New_ATIS_Voice_Message *via TCS*
         @ SLS 3.7.2.1.3.6.4
STATIC INFORMATION DISPLAY MANIPULATIONS
    Display/Suppress_Static_Information =
              Index
         or Table Of Contents
         @ SLS 3.7.2.2.1.1.7
CONTROLLER NOTEPAD DISPLAY MANIPULATIONS
    Enter_Controller_Note = *electronic scratchpad*
              Text *enter, delete, edit/ modify*
            SLS 3.7.2.2.1.1.1Ø
SIGN ON/SIGN OFF
     Sign_On =
               User_Identification
          and (Operational Responsibility Designator)
          and [Display_Preference_Set_lu....ifier]
              SLS 3.7.1.1.3.7.3, 3.7.1.2.1.2.9.a, 3.7.2.1.3.8,
                    3.7.2.2.1.2.7
     Sign_Off
               User_Identification
          and (Operational_Responsibility_Designator)
               SLS 3.7.1.1.3.7.3, 3.7.1.2.1.2.9.b, 3.7.2.1.3.8,
                   3.7.2.2.1.2.7
```

```
Modify_Display_Preference Set =
              User Identification
         and Password
         and Display Preference_Identifier
         and (Data To Be Changed)
         @ SLS 3.7.1.1.3.7.5, 3.7.1.2.1.2, 3.7.1.2.1.2.9.c,
                   3.7.2.1.3.9, 3.7.2.2.1.1, 3.7.2.2.1.2, 3.7.2.2.1.2.7,
    Display/Invoke_Display_Preference_Set =
              Display Preference Identifier
         and [Logical Display Identifier]
         and [Current Display_Selections]
         and [Invoke]
         and [Logical Display Viewport Location]
         and [Portion Of Preference Set]
             SLS 3.7.1.1.3.7.5, 3.7.1.2.1.2.9.d, 3.7.2.1.3.9,
                   3.7.2.2.1.2, 3.7.2.2.1.2.7
!MOVEMENT AREA RELEASE DIAGRAM MANIPULATIONS
        Enter/Delete_Reminder_Of_Movement_Area_Release
        Task Analysis
GENERAL DISPLAY FUNCTIONS
    Reposition_Time-Of-Day_On_Physical_Display
         @ SL$ 3.7.2.2.1.1
    Request Assignment Of Logical Display To One Physical_Display =
       *where not otherwise specified*
             {Logical_Display}
          and Physical_Display
              SLS 3.2.1.2.2.2.2, 3.7.2.2.1.1
    Page/Scroll
              SLS 3.7.2.2.1.1, 3.7.2.2.1.1.2.1, 3.7.2.2.1.1.2.2.j,
                   3.7.2.2.1.1.2.3, 3.7.2.2.1.1.2.6,
                   3.7.2.2.1.1.5.4. 3.7.2.2.1.1.7
    Acknowledge_Auditory_Signal *terminate signal*
          @ SLS 3.7.2.2.1.1.be
```

```
Draw/Remove Graphics = *main display*
          Series_Of_Dots *line, circle, arc*
     and Series_Of_Short_Dashes *line, circle, arc*
     and Series Of Long Dashes *line, circle, arc*
     and (Continuous Line
     and Continuous_Circle
     and Continuout_Arc)
     and Series_Of_Dots_And_Dashes *line, circle, arc*
          SLS 3.7.2.2.3.2.2
Acknowledge_Emphasized Data Message *deemphasize, disable*
     @ SLS 3.7.2.2.1.1.ac/bc, 3.7.2.2.1.2.2.t
 Select_Symbol_Size
     @ SLS 3.7.2.2.3.1.1
 Adjust Symbol Brightness
     @ SLS 3.7.2.2.3.1.1
 Adjust Physical Display Size/Shape/Location
     @ SLS 3.7.2.2.1.1
Adjust Brightness Of Data Class
     @ SLS 3.7.2.2.3.1.2
 Return_To_Previous_(Higher)_Level_Of_Hierarchical_Menu
          SLS 3.7.1.2.1.2.aa3, 3.7.2.2.1.2
 {\tt Terminate/Set-Aside/Resume\_Process\_Or\_Transaction}
     @ SLS 3.7.1.2.1.2.aa/af, 3.7.2.2.1.2
 Edit/Correct_Data_Entry_Error
     @ SLS 3.7.1.2.1.2.af, 3.7.2.2.1.2
 Pick_Menu_Option
      @ SLS 3.7.1.2.1.2.aq3, 3.7.2.2.1.2
Enter_Function_Key_Command
      2 3.7.1.2.1.2.aa4, 3.7.2.2.1.2
Compose Function Key Command *via alphanumeric keyboard*
      @ 3.7.1.2.1.2.aa4, 3.7.2.2.1.2
```

```
Select_Display_Of_Object_By_Pointing_With_Cursor_Positioning/
Selection_Device
SLS 3.7.1.2.1.2.ai, 3.7.2.2.1.2

Select_Display_Location_Coordinates_With_Cursor_Positioning/
Selection_Device
SLS 3.7.1.2.1.2.aj, 3.7.2.2.1.2
```

APPENDIX D

TASK CHARACTERIZATION ANALYSES

Included within this appendix are three separate task characterization analyses for each Tower controller position (reference Volume I, Section 3.4):

- 1. Task Information Requirements
- 2. Cognitive/Sensory Attributes
- 3. Performance Requirements
- 4. Deleted

TASK INFORMATION REQUIREMENTS

Task Information Requirements are developed by associating controller tasks with system communication messages, and occasionally by direct observation. Communications messages can be to or from another ATCT controller, a Tower Supervisor, a computer display, or someone outside the Tower, such as an ACF sector controller. The available system communication input and output messages for ATCT/TCCC controllers are listed in Appendix C.

TCCC messages include controller-entered messages which may or may not update the TCCC dat- base, or computer output messages such as data blocks, flight data, weather, or status information. Messages between ATCT positions or ACF positions may be communicated by Tower Communications System (TCS), ATC Mail or system function messages.

The following summarizes the components of the Task Information Requirements table (reference Section 3.4.1 of Volume I for more discussion):

Task Type: Tasks are categorized as belonging to one or more of four types:

- E (ENTRY) Entry of data into TCCC by system message (e.g., function key) or by ATC Mail
- R (RECEIPT) Receipt of information by means other than by voice communication; includes system messages, ATC Mail, and direct observation
- A (ANALYTICAL) Cognitive assessment and evaluation of data, involving no input or output of information unless combined with another task type
- VC (VOICE COMMUNICATION) Transfer or exchange of information with another person via TCS or directly.

Information Received by the Controller: Information can be received via Tower Position Console display (including ATC Mail) or direct observation. Verbal coordination is not addressed. The topic of ATC Mail or object of direct observation is cited in non-UIL message terms.

Information Source: The source of information received can be a specific Tower Position Console display, class of output message, ATC Mail, or direct observation.

Information Entered by the Controller: Information is entered by the controller via console data input to the system. For information entered into ATC Mail, only the term "Textual ATC Mail" is shown.

Frequency: Tasks are assessed relative to all other controller tasks as having HIGH (HI), MEDIUM (MED), or LOW (LOW) frequency of performance.

Criticality: Tasks are assessed relative to all other controller tasks as having EXTREME (EXT), HIGH (HI), MEDIUM (MED), or LOW (LOW) criticality.

System input messages, display output messages, and logical displays are stated in the terms provided in the User Interface Language of Appendix C. The context of a task's use in the Composition Graphs of Appendix A determines the extent of secondary task types associated with the primary nature of the task, as implied by the task action verb.

Controller activity and sub-activity statements are included in the table listing, as is the one macro, but their information requirements are not listed.

Of the 348 ATCT/TCCC Local Controller tasks, 181 tasks (52 percent) are rated as having High criticality. Medium criticality is assigned to 125 tasks (36 percent). The remaining 42 tasks (12 percent) receive a Low criticality rating. Comparable numbers for the 210 Ground control tasks are 68 rated High (32 percent), 114 rated Medium (58 percent), and 21 rated Low (10 percent). For the 124 Clearance Delivery/Flight Data tasks the numbers are 30 High (24 percent), 81 Medium (65 percent), and 13 Low (10 percent). Criticality ratings do not take into consideration the frequency of task performance. Thus, a number of the tasks involved with system malfunctions receive a High criticality rating because, when they would need to be performed, they would be critical to operations.

Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
Τ1	LOCAL CONTROLLER						
T1.Ø.Ø.Ø	GENERATE CLEARANCE						
T1.1	PERFORM LOCAL SITUATION MONITORING						
Γ1. 1.3	FSTABLISHING POSITIVE AIRCRAFT/ VEHICLE PCSITION						
T1.1.1.1	REQUEST PILCT/ OPERATOR POSITION REPORT	VC	N/A	N/A	N/A	м	М
T1.1.1.2	RECEIVE POSITION REPORT RELAYED FROM OTHER CONTROLLER	R/vC	POSITION REPORT	TEXTUAL ATC MAIL	N/A	L	М
T1.1.1.3	RECEIVE PILOT/ OPERATOR POSITION REPORT	V¢	N/A	N/A	N/A	Н	м
T1.1.1.4	FORWARD POSITION REPORT TO OTHER CONTROLLER	E/VC	N/A	N/A	TEXTUAL ATC MAIL	Ŀ	M
Γ1.1.1.5	SEARCH ASDE FOR SPECIFIC AIRCRAFT/ VEHICLE LOCATION	R/A	ASDE TARGET	ASDE	N/A	L	М
T1.1.1.6	CBSERVE MOVEMENT AREAS FOR SPECIFIC AIRCRAFT/ VEHICLE	R/A	AIRCRAFT IDENTIFICATION, VEHICLE IDENTIFICATION	DIRECT OBSERVATION	N/A	н	м
71.1.1.7	SEARCH FOR AIRBORNE AIRCRAFT VISUALLY	R/A	AIRCRAFT IDENTIFICATION	DIRECT OBSERVATION	N/A	н	М
T1.1.1.8	SEARCH SITUATION DISPLAY FOR TARGET	R/A	AIRCRAFT IDENTIFICATION. TARGET SYMBOL. DATA BLOCK	SITUATION DISPLAY	N/A	н	м
11.1.1.9	VERIFY AIRCRAFT/ VEHICLE IS AT REPORTED POSITION	А	N/A	N/A	N/A	н	н
T1.1.1.10	CETERMINE CORRELATION OF EXPECTED/ REPORTED POSITION WITH TARGET	А	N/A	N/4	N/A	н	н
T1.1.2	CHECKING AND EVALUATING SEPARATION						
T1.1.2.1	REVIEW SITUATION DISPLAY FOR POTENTIAL VIOLATION OF SEPARATION STANDARDS	R/A	TARGET PUSITION SYMBOL, DATA BLOCK, SPECIAL USE AIRSPACE BOUNDARY, OBSTRUCTION, ROUTE DISPLAY	SITUATION DISPLAY	N/A	М	15
71.1.2.2	REVIEW FLIGHT DATA DISPLAY FOR PRESENT AND/ OR FUTURE AIRCRAFT SEPARATION	R/A	FDE	ARRIVAL LIST, DEPARTURE LIST, OVERFLIGHT LIST	N/A	М	н
T1.1.2.5	SEARCH AIRSPACE/ MOVEMENT AREAS TO ASSESS AIRGRAFT SEPARATION	R/A	AIRCRAFT POSITION. AIRCRAFT COURSE	DIRECT OBSERVATION	N/A	н	н
T1,1,2,4	PROJECT MENTALLY AN AIRCRAFT'S FUTURE POSITION/ ALTITUDE/ PATH	R/A	FULL DATA BLOCK, LIMITED DATA BLOCK, TARGET POSITION SYMBOL, OBSTRUCTION, WEATHER DESCRIPTOR, FLIGHT DATA ENTRY	SITUATION DISPLAY, FLIGHT DATA DISPLAY	N/A	H	н
T1.1.2.5	PEAD OUT VERTICAL VELCCITY TO ASSESS POTENTIAL CONFLICT	E/R	VERTICAL VELOCITY	SITUATION DISPLAY	FLIGHT ID, VERTICAL VELOCITY READOUT	L.	١
T1.1.2.6	OBSERVE TRACK VELOCITY/ DISTANCE VECTOR TO PROJECT AIRCRAFT MOVEMENT	E/R/A	TRACK VELOCITY VECTOR, TRACK DISTANCE VECTOR	SITUATION DISPLAY	FLIGHT ID, MINUTES, REQUEST TRACK VELOCITY VECTOR, MILES, REQUEST TRACK DISTANCE VECTOR	l.	L

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Task	Information	Requirements
I U S F	THEOLOGICALINE	Vedati emelica

Task Number	Task Statement	Task Type	Information Received	Information Scurce	Information Entered	Freq	Crit
T1.1.2.7	REQUEST RANGE/ BEARING/ TIME MESSAGE WITH OPTIONS	E/R	FIX/TIME, RANGE/BEARING, RANGE/BEARING/FIX, CONTINUOUS RANGE	STTUATION DISPLAY	FIX/TIME READOUT FUNCTION, RANGE/BEARING READOUT FUNCTION, RANGE/BEARING/FIX READOUT FUNCTION, CONTINUOUS RANGE	L	l.
T1.1.2.8	SUPPRESS CONTINUOUS RANGE READOUT	Ę	N/A	N/A	FLIGHT ID, CONTINUOUS RANGE READOUT FUNCTION	L	L
T1.1.2.9	FORCE/ QUICK LOOK FULL DATA BLOCK TO EXAMINE FLIGHT AND TRACK INFORMATION	E/R/A	FULL DATA BLOCK	SITUATION DISPLAY	FLIGHT ID, FORCE DATA BLOCK FUNCTION, QUICK LOOK FUNCTION	L	М
T1.1.2.10	DETERMINE WHETHER AIPCRAFT WILL BE SEPARATED BY LESS THAN PRESCRIBED MINIMA	A	N/A	N/A	N/A	н	н
71.1.2.11	REQUEST CONTINUOUS RANGE READOUT	E/R/A	CONTINUOUS RANGE READOUT	SITUATION DISPLAY	FLIGHT 10, POINT ID, CONTINUOUS RANGE READOUT FUNCTION	L	L
T1.1.3	RECEIVING ENVIRONMENT AND STATUS INFORMATION						1
T1.1.3.1	DETECT EQUIPMENT STATUS ALERT	R	EQUIPMENT STATUS ALERT	ALERT AND RESOLUTION DISPLAY, SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	L	Н
T1.1.3.2	ACKNOWLEDGE ENVIRONMENTAL/ SYSTEM STATUS ALERT	E	N/A	N∕A	ACKNOWLEDGE ALERT FUNCTION	L	и
Tī.1.3.3	DETECT AERONAUTICAL AND METEOROLOGICAL ALERT	R	AERONAUTICAL AND METEOROLOGICAL ALERT	ALERT AND RESOLUTION DISPLAY	N/A	L	н
T1.1.3.4	OBSERVE DISPLAY OF NEW/ CHANGED SYSTEM STATUS DATA	R	SYSTEM STATUS DATA	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	1	м
T1.1.3.5	OBSERVE DISPLAY OF NEW/ CHANGED AERONAUTICAL AND METEOROLOGICAL DATA	R	AERONAUTICAL AND METEOROLOGICAL DATA	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	L	H
T1.1.3.6	OBSERVE DISPLAY OF NEW/ CHANGED AIRPORT FNVIRONMENTAL DATA	R	AIRPORT ENVIRONMENTAL DATA	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	15	H
₹1.1.3. 7	RECEIVE NOTICE OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	R/VC	SYSTEM ENVIRONMENTAL AND STATUS DATA	TEXTUAL ATC MAIL	N/A	L	м
T1.1.3.8	ENTER SYSTEM ENVIRONMENTAL AND STATUS DATA CHANGE MESSAGE	E	N/A	N/A	SYSTEM SYATUS DATA CHANGE FUNCTION	L	ħ
T1.1.3.9	INFORM OTHERS OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	E/VC	N/A	N/A	TEXTUAL ATC MAIL		м
Γ1.1.3.1Ø	DETECT AIRPORT ENVIRONMENTAL DATA ALERT	R	AIRPORT ENVIRONMENTAL DATA ALERI	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	L	н
T1.1.3.11	OBSERVE SYSTEM STATUS DIRECTLY	R/A	EQUIPMENT STATUS *FAILURE OR DAMAGE TO EQUIPMENT ON AIRPORT SURFACE*	DIRECT OBSERVATION	N/A	L	М

			1457	Information Req	uirements			
	Task Number	Task Statement	Tosk Type	Information Received	Information Source	Information Entered	Freq	Crit
	T1.1.4	HOUSEKEEPING						
-	T1.1.4.1	OFFSET A DATA BLOCK	E	N/A	N/A	SLIGHT ID, LEADER DIRECTION, LEADER LENGTH, MANUALLY OFFSET DATA BLOCK	L	M
1	T1.1.4.2	DELETE FOB/ FOE FROM ATC SYSTEM	E	N/A	N/A	FLIGHT ID, DROP FLIGHT PLAN	L	L
	T1.1.4.3	ENTER CONTROLLER NOTE	E	N/A	N/A	CONTROLLER NOTE FUNCTION *FREE FORM TEXT*	L	L
	T1.1,4,4	DELETE CONTROLLER NOTE	ε	N/A	N/A	CONTROLLER NOTE FUNCTION *DELETE*	L	L
	T1.1.4.5	SUPPRESS DATA BLOCK FROM DISPLAY	E	N/A	N/A	SUPPRESS FULL DATA BLOCK FUNCTION, FLIGHT ID	ز	М
	T1.1.4.6	RESTORE DATA BLOCK TO DISPLAY	E	DATA BLOCK	SITUATION DISPLAY	RESTORE FULL DATA BLOCK FUNCTION, FLIGHT ID	Ĺ	м
١	T1.1.4.7	SUPPRESS FDE FROM DISPLAY	ε	N/A	N/A	SUPPRESS DISPLAY OF FDE, FLIGHT ID	L I	L
ĺ	T1.1.4.8	RESTORE FDE TO DISPLAY	E	N/A	N/A	RESTORE DISPLAY OF FCE, FLIGHT ID	L	М
	71.1.4.9	ENTER FDE NOTATIONS	E	N/A	N/A	FLIGHT ID, FDE NOTATION FUNCTION *ENTER*	м	ч
-	T1.1.4.10	DELETE FDE NOTATIONS	Ε	N/A	N/A	FLIGHT ID, FDE NOTATION FUNCTION *DELETE*	L	L
	T1.1.4.11	DELETE FOB/ FDE FROM TOCC SYSIEM	E	N/A	N/A	FLIGHT ID, TBD	L	L
	T1.1.4.12	SELECT FDE SORTING PRIORITY SCHEME	E	N/A	N/A	FDE SORTING PRIORITY SCHEME	L	L
	T1.1.4.13	RESEQUENCE FDE MANUALLY	E	N/A	N/A	MANUALLY POST/ ORDER FDE	м	м
	T1.1.4.14	INHIBIT AUTOMATIC HANDOFF FOR TRACK(S)	E	N/A	N/A	FLIGHT ID, SECTOR/ FACILITY, INHIBIT AUTOMATIC HANDOFF FUNCTION		1
	T1.1.4.15	RESTORE AUTOMATIC HANDOFF FOR TRACK(S)	E	N/A	N/A	FLIGHT ID, SECTOR/ FACILITY, ENABLE/INHIBIT AUTOMATIC HANDOFF FUNCTION	L	н
	T1.1.4.16	INHIBIT AUTGMATIC	Ε	N/A	N/A	FLIGHT ID, SECTOR/ FACILITY, INHIBIT AUTOMATIC POINIDUT FUNCTION	Ł	L
	T1.1.4.17	RESTORE AUTOMATIC POINTOUT	E	N/A	N/A	FLIGHT ID, SECTOR/ FACILITY, ENABLE AUTOMATIC POINTOUT FUNCTION	L	н
	f1.1.4.18	REQUEST FDE FROM ANOTHER POSITION/ FACILITY	E/VC	N/A	N/A	FLIGHT ID, LIST, REQUEST FOE(S) FUNCTION	L	11
į	T1.1.4.19	UFDATE/REVISE CONTROLLER NOTE	E	N/A	N/A	CONTROLLER NOTE FUNCTION *FREE FORM TEXT*	L	l.
	T1.2	RESOLVE CONFLICT SITUATIONS						
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Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
T1.2.1	PERFORMING CONFLICT RESOLUTION						
T1.2.1.1	RECEIVE NOTICE OF POTENTIAL AIRCRAFT/ VEHICLE CONFLICT AT THIS POSITION	R/VC	POTENTIAL AIRCRAFT/ VEHICLE CONFLICT	TEXTUAL ATC MAIL	N/A	L	н
T1.2.1.2	DETECT AIRCRAFT CONFLICT ALERT INDICATION	R	CONFLICT ALERT, CALLSIGN(S)	ALERT AND RESOLUTION DISPLAY, FOB, FLIGHT DATA DISPLAY	N/A	L	Н
T1.2.1.3	OBSERVE POTENTIAL AIRCRAFT/ VEHICLE CONFLICT SITUATION	R/A	POTENTIAL AIRCRAFT/ VEHICLE CONFLICT	DIRECT OBSERVATION	N/A	L	ri
Tī.2.1.4	DETERMINE VALIDITY OF AIRCRAFT/ VEHICLE CONFLICT NOTICE OR INDICATION -	Α	N/A	N/A	N/A	L	H
T1.2.1.5	CETERMINE APPROPRIATE ACTION TO RESOLVE AIRCRAFT/ VEHICLE CONFLICT SITUATION	А	N/A	N/A	N/A	L	н
T1.2.1.6	INFORM CONTROLLER OF POTENTIAL/ ACTUAL AIRCRAFT/ VEHICLE CONFLICT	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	ił
T1.2.1.7	ISSUE ADVISORY IN REGARD TO AIRCRAFT CONFLICT	ν¢	N/A	N/A	N/A	L	5
T1.2.1.8	FORWARD NOTICE OF POTENTIAL/ ACTUAL AIRCRAFT/ VEHICLE CONFLICT TO SUPERVISOR	E/VC	N/A	N/A	TEXTUAL ATC MAIL	,	м
T1.2.1.9	REVIEW CONFLICT RESOLUTION ADVISORY	R/A	CONFLICT RESOLUTION ADVISORY	ALER'S AND RESOLUTION DISPLAY	N/A	L	Ь
T1.2.1.10	CHOOSE CONFLICT RESOLUTION UPTION	R/A	CONFLICT RESOLUTION ADVISORY	ALERT AND RESOLUTION DISPLAY, SITUATION DISPLAY	N/A	L	E
T1.2.1.11	DETECT AIRCRAFT MANEUVER IN RESPONSE TO ADVISGRY/ ALERT	R/a	TARGET POSITION SYMBOL, DATA BLOCK, POSITION HISTORY	SITUATION DISPLAY	N/A	L	н
T1.2.1.12	INFORM PILOT WHEN CLEAR OF TRAFFIC	vc	N/A	N/A	N/A	м	L
T1.2.2	PERFORMING MINIMUM SAFE ALTITUDE RESOLUTION						
T1.2.2.1	RECEIVE CONTROLLER NOTICE OF POTENTIAL LON ACTITUDE SITUATION AT THIS POSITION	R/VC	POTENTIAL MSAW	TEXTUAL ATC MAIL	N/A	Ĺ	н
T1.2.2.2	CHIECT MSAW INDICATION OR ALARM	R	MINIMUM SAFE ALTITUDE WARNING, CALLSIGN, AURAL ALARM	ALERT AND RESOLUTION DISPLAY, FD8 ON SITUATION DISPLAY, FLICHT DATA DISPLAY	T/A	L	н
Τ1.2.2.3	DETERMINE POVENTIAL (1014 ALTITUDE SITUATION	R/A	LOW ALTITUDE SITUATION	DIRECT OBSERVATION	N/A	L	Н
T1.2.2.4	DETERMINE VALIDITY OF MSAN NOTICE OR INDICATION	Α	N/A	N/A	N/A	L.	н
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-	r	Tusk Information Requirements									
	Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit			
	T1.2.2.5	DETERMINE APPROPRIATE ACTION TO RESOLVE LOW ALTITUDE SITUATION	А	N/A	N/A	N/A	L	Н			
i	11.2.2.6	INFORM CONTROLLER OF POTENTIAL MSAW SITUATION	E/VC	N/A	N/A	TEXTUAL ATC MAIL		н			
	T1.2.2.7	ISSUE ADVISORY IN REGARD TO LOW ALTITUDE SITUATION	vc	N/A	N/A	N/A	L	H			
	T1.2.2.8	FORWARD NOTICE OF VALID MSAW OR FLIGHT ASSIST TO SUPERVISOR	E/VC	N/A	N/A	TEXTUAL ATC MAIL	Ļ	м			
	T1.2.2.9	REVIEW MSAW RESOLUTION ADVISORY	R/A	MSAW ADVISORY	ALERT AND RESOLUTION DISPLAY	N/A	Ĺ	M			
	T1.2.2.10	OBSERVE FIXED OBSTRUCTIONS DIRECTLY	R/A	FIXED OBSTRUCTION *LOCATION, HEIGHT, CHANGE*	DIRECT OBSERVATION	N/A	Ł	М			
	71.2.2.11	CBSERVE DISPLAY FOR FIXED OBSTRUCTIONS THAT MAY INTERFERE WITH AIRCRAFT FLIGHT	R/A	ORSTRUCTION	SITUATION DISPLAY	N/A	Ĺ	М			
	T1.2.3	PERFORMING AIRSPACE/ MOVEMENT AREA VIOLATION RESOLUTION									
	71.2.3.1	OBSERVE POTENTIAL AIRSPACE/ MOVEMENT AREA VIOLATION	R/A	POTENTIAL AIRSPACE/ MOVEMENT AREA VIOLATION, TARGET SYMBOL, SPECIAL USE AIRSPACE BOUNDARY	DIRECT OBSERVATION, SITUATION DISPLAY	N/A	Н	н			
	11.2.3.2	DETERMINE APPROPRIATE ACTION TO RESOLVE AIRSPACE/ MOVEMENT AREA VIOLATION	А	N/A	N/A	\/A	i.	Н			
	T1.2.3.3	INFORM CONTROLLER OF POTENTIAL/ ACTUAL AIRSPACE/ MOVEMENT AREA VIOLATION	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	н			
	T1.2.3.4	ISSUE ADVISORY IN REGARD TO AIRSPACE/ MOVEMENT AREA VIOLATION	VC	N/A	N/A	N/A	L	н			
	T1.2.3.5	FORMARO NOTICE OF POTENTIAL/ ACTUAL AIRSPACE/ MUVEMEN: AKEA VIOLATION TO SUPERVISOR	E/VC	N/-i	N/A	TEXTUAL ATG MAIL	ł,	М			
	T1.2.4	ISSUING UNSAFE CONDITION ADVISORIES					}				
	T1.2.4.1	OBSERVE AIRCRAFT/ VEHICLE ABNORMALITY DIRECTLY	R/A	AIRCR/FT/ VEHICLE ABNORMALITY *OPEN BAGGAGE DOOR, SMOKE, ETC*	DIRECT OBSERVATION	N/A	1.	н			
	T1.2.4.2	DETERMINE NEED FOR ADVISORY/ SAFETY ALERT/ CLEARANCE	A	N/A	N/A	N/A	L	Н			
	T1.2.4.3	FORMULATE ADVISORY/ SAFETY ALERY CONTENT	A	N/A	N/A	N/A	l.	н			
	T1.2.4.4	ISSUE ADVISORY/ SAFETY ALERT IN REGARD TO UNSAFE AIRCRAFT/ VEHICLE CONDITION	vc	N/A	N/A	N/A	ι	н			
	T1.2.4.5	OBSERVE MANEUVER DIRECTLY IN RESPONSE TO ADVISORY/ SAFETY ALERT	R/A	AIRCRAFT/ VEHICLE MANEUVER	DIRECT OBSERVATION	N/A.	Ĺ	н			
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		1457	Information Req	uirements			
Task Number	Tusk Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
T1.2.4.6	INFORM PILOT/ OPERATOR OF SITUATION RETURNED TO NORMAL	vc	N/A	N/A	N/A	Ĺ	м
T1.2.5	SUPPRESSING/ RESTORING ALERTS/ RESOLUTION ADVISORIES						
T1.2.5.1	DETERMINE VALIDITY/ APPROPRIATENESS OF DISPLAY OF AN ALERT/ RESOLUTION ADVISORY	А	N/A	N/A	N/A	L	н
T1.2.5.2	RECEIVE SUPERVISOR NOTICE TO SUPPRESS ALERT	R/VC	NOTICE TO SUPPRESS ALERT	TEXTUAL ATC MAIL	N/A	L	м
T1.2.5.3	SUPPRESS CONFLICT ALERT FOR PAIRED AIRCRAFT	E	N/A	N/A	FLIGHT ID, REQUEST/ SUPPRESS CONFLICT ALERT FUNCTION	Ļ	М
T1.2.5.4	SUPPRESS MSAW FUNCTION FOR AN AIRCRAFT	E	N/A	N/A	FLIGHT ID, MSAW ALERT REQUEST/ SUPPRESS FUNCTION	L	м
T1.2.5.5	SUPPRESS CONFLICT ALERT FOR GROUP SUPPRESSION	E	N/A	N/A	ACTION INDICATOR (SUPPRESS), FLIGHT ID, GROUP ID, TIME PERIOD, AIRSPACE, ALTITUDE, RANGE, GROUP SUPPRESSION	L	м
T1.2.5.6	RECEIVE SUPERVISOR NOTICE TO RESTORE ALERT/ RESOLUTION ADVISORY	R/VC	RESTORE ALERT/ RESOLUTION ADVISORY	TEXTUAL ATC MAIL	N/A	М	М
T1.2.5.7	RESTORE SPECIFIC ALERT/ RESOLUTION ADVISORY FUNCTION TO NORMAL	E	N/A	N/A	REQUEST/ SUPPRESS CONFLICT ALERT/ CONFLICT RESOLUTION ADVISORY FUNCTION, GROUP SUPPRESSION FUNCTION. MSAW ALERT REQUEST/ SUPPRESS	L	M
T1.2.5.9	SUPPRESS CONFLICT RESOLUTION ADVISORY FOR PAIRED AIRCRAFT	E	N/A	N/A	FLIGHT ID, SUPPRESS RESOLUTION ADVISORY, SUPPRESS CONFLICT ALERT PAIR/ CONFLICT RESOLUTION ADVISORY	Ĺ	ا
T1.2.5.9	SUPPRESS MSAW RESOLUTION AUVISORY FOR AN AIRCRAFT	Ε	N/A	N/A	FLIGHT ID, SUPPRESS RESOLUTION ADVISORY, SUPPRESS MSAW ALERT/ CONFLICT RESOLUTION ADVISORY	Ĺ	Ļ
T1.3	MANAGE AIR TRAFFIC SEQUENCES						
T1.3.1	PROCESSING DEVIATIONS					ļ	
T1.3.1.1	PERCEIVE AN ALTITUDE/ ROUTE DEVIATION	R/A	ALTITUDE DEVIATION, ROUTE DEVIATION	DIRECT OBSERVATION	N/A	Ĺ	н
T1.3.1.2	RECEIVE NOTICE OF AIRCRAFT/ VEHICLE DEVIATION	R/VC	AIRCRAFT/ VEHICLE DEVIATION	TEXTUAL ATC MAIL	N,'A	L	н
T1.3.1.3	DETECT ALTITUDE NONCONFORMANCE INDICATION	R	ALTITUDE NONCONFORMANCE INDICATOR	FULL DATA BLOCK	N/A	Ĺ	н
T1.3 1.4	OBSERVE GROUND TRAFFIC DEVIATION DIRECTLY	R/A	GROUND TRAFFIC DEVIATION	DIRECT OBSERVATION	N/A	L	н
T1.3.1.5	QUERY PILOT/ OPERATOR/ CONTRULLER REGARDING DEVIATION	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	м
T1.3.1.6	ISSUE ADVISORY IN REGARD TO DEVIATION	VC	N/A	N/A	N/A	Ļ	Н
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	Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit	
	†1.3.1.7	CBSSRVE AIRCRAFT/ VEHICLE RESUMING CONFORMANCE DIRECTLY	R/A	AIRCRAFT MOVEMENT/ DIRECTION, VEHICLE MOVEMENT/ DIRECTION	DIRECT OBSERVATION	N/A	į.	M	
	T1.3.1.8	OBSERVE DISPLAY OF AIRCRAFT/ VEHICLE RESUMING CONFORMANCE	R/A	FULL DATA BLOCK, TARGET SYMBOL, ASDE TARGET	SITUATION DISPLAY, ASDE	N/A	L	М	
	T1.3.1.9	OBSERVE GROUND TRAFFIC DEVIATION ON ASDE DISPLAY	R/A	ASDE TARGET	ASDE	N/A	L	H	
	T1.3.1.10	INFORM OTHER CONTROLLER/ SUPERVISOR OF GROUND TRAFFIC DEVIATION	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	H	
	11,3,1,11	DETECT UNREASONABLE MODE C INDICATION	Ŕ	UNREASONABLE MODE C INDICATOR	FULL DATA BLOCK	N/A	Ł	Н	
	T1.3.1.12	EVALUATE UNREASONABLE MODE C INDICATION FOR ACTION NEEDED	А	N/A	N/A	N/A	L	Н	
	T1.3.1.13	EVALUATE ALTITUDE NONCONFORMANCE INDICATION FOR ACTION NEEDED	R/A	GEOGRAPHIC MAP DATA, ALTITUDE NONCONFORMANCE INDICATOR	FULL DATA BŁOCK, SITUAITON DISPŁAY	N/A	į	н	
	T1.5.2	ESTABLISHING DEPARTURE SEQUENCES							
	71.3.2.1	RECEIVE FDE OF DEPARTURE AIRCRAFT	R	FDE *PRESENCE OF NEW FDE*, DEPARTUKE LIST	FLIGHT DATA DISPLAY	N/A	Н	М	
	T1.3.2.2	OBSERVE AIRCRAFT AWAITING TAKEOFF CLEARANCE	R/A	AIRCRAFT LOCATION	DIRECT OBSERVATION	N/A	н	М	
	11.5.2.3	RECEIVE INITIAL CONTACT FROM PILOT READY FOR TAKEOFF	VC	READY FOR TAKEOFF	N/A	N/A	н	М	
ļ	T1.3.2.4	ENTER COPARTURE MESSAGE	E	N/A	N/A	FLIGHT ID, DEPARTURE FUNCTION	L	M	
	T1.3.2.5	ISSUE APPROPRIATE DEPARTURE INFORMATION	vc	N/A	N/A	N/A	٤	н	
	71.3.2.6	DISCUSS SEQUENCING WITH GROUND CONTPOLLER	vc	N/A	N/A	N/A	М	М	
	T1.3.2.7	CETERMINE SEQUENCE FOR DEPARTURE AIRCRAFT	A	N/A	N/A	N/A	н	н	
	T1.3.2.8	REQUEST RELEASE FOR DEPARTURE	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	m	
	T1.3.2.9	RECEIVE INSTRUCTIONS TO HOLD FOR RELEASE	R/VC	HOLD FOR RELEASE	TEXTUAL ATC MAIL	N/A	L	н	
	T1.3.2.10	RECEIVE RELEASE FOR DEPARTURE AND AMENDED CLEARANCE AS NECESSARY	R/VC	RELEASE FOR DEPARTURE, CLEARANCE	TEXTUAL ATC MAIL	N/A	L.	н	
	T1.3.2.11	ISSUE INSTRUCTIONS TO PILOT TO TAXI INTO POSITION AND HOLD	vc	N/A	N/A	N/A	н	H	
	T1.3.2.12	DETERMINE APPROPRIATE INTERVAL/ DISTANCE FOR DEPARTURE	A	N/A	N/A	N/A	н	н	
	T1.3.2.13	ISSUE AMENDED CLEARANCE	VC	N/A	N/A	N/A	۱ ر	н	
	T1.3.2.14	ISSUE DEPARTURE INSTRUCTIONS	vc	N/A	N/A	N/A	L	Н	
	T1.3.2.15	ISSUE ADVISORY IN REGARD TO TRAFFIC/ WAKE TURBULENCE	vc	N/A	N/A	N/A	М	н	

Task Information Requirements										
Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit			
1.3.2.16	ISSUE TAKEOFF CLEARANCE	VC	N/A	N/A	N/A	н	н			
1.3.2.17	ISSUE AMENDED TAKEOFF CLEARANCE	VC	N/A	N/A	N/A	L	Н			
1.3.2.18	ISSUE TAKEOFF CLEARANCE CANCELLATION	vc	N/A	N/A	N/A	L	н			
1.3.2.19	OBSERVE ABORTED TAKEOFF	R	ABORTED TAKEOFF	DIRECT OBSERVATION	N/A	L	н			
1.3.2.20	RECEIVE NOTICE OF TAKEOFF	R/VC	NOTICE OF TAKEOFF	TEXTUAL ATC MAIL	N/A	L	Н			
1,3.2.21	OBSERVE TAKEOFF DIRECTLY	R	TAKEOFF	DIRECT OBSERVATION	N/A	н	н			
1.3.2.22	OBSERVE TAKEOFF ON SITUATION DISPLAY	R/A	TRACK POSITION SYMBOL, FULL DATA BLOCK	SITUATION DISPLAY	N/A	L	Н			
1.3.2.23	ISSUE TAXI INSTRUCTIONS	VC.	N/A	N/A	N/A	۱.	ч			
Γ1.3.2.24	TRANSFER FDE TO OTHER CONTROLLER	E	N/A	N/A	POSITION-TO-POSITION TRANSFER OF DATA FUNCTION	L	м			
r1.3.2.25	FORWARD NOTICE OF DEPARTURE	E/VC	N/A	N/A	FLIGHT 1D, DEPARTURE TIME, DEPARTURE FUNCTION, TEXTUAL ATC MAIL		н			
11.3.2.26	DIRECT PILOT TO CONTACT ACF CONTROLLER	vc	N/A	N/A	N/A	н	F			
T1.3.2.27	OBSERVE DISPLAY OF AIRCRAFT AWAITING TAKEOFF CLEARANCE	R/A	ASDE TARGET	ASDE	N/A	L	, w			
r1.3.2.28	OBSERVE DISPLAY OF ABORTED TAKEOFF	R/A	ASDE TARGET	ASDE	N/A	١	4			
71.3.3	ESTABLISHING LANDING SEQUENCES									
T1.3.3 1	RECEIVE FDE/ FDR OF ARRIVAL AIRCRAFT	Ŗ	FULL DATA BLOCK, FLIGHT DATA ENTRY	ARRIVAL LIST, SITUATION DISPLAY	N/A	M	4			
T1.3.3.2	RECEIVE PILOT REQUEST FOR LANDING INSTRUCTIONS	VC	N/A	N/A	N/A	н	#			
T1.3.3.3	ENTER FLIGHT PLAN	E	N/A	N/A	FLIGHT PLAN FUNCTION	M	Ч			
T1.3.3.4	ISSUE INITIAL LANDING INSTRUCTIONS	VC	N/A	N/A	N/A	н	н			
T1.3.3.5	OBSERVE DISPLAYS FOR PERTINENT INFORMATION ON ARRIVAL AIRCRAFT	R/A	FDB, FDE, TRACK POSITION SYMBOL	SITUATION DISPLAY, FLIGHT DATA DISPLAY	N/A	н	н			
T1.3.3.6	RECEIVE PILOT REQUEST FOR CLEARANCE TO LAND	vc	N/A	N/A	N/A	н	н			
T1.3.3.7	CONTACT PILOT TO VERTEY ARRIVAL INTENTIONS	vc	N/A	N/A	N/A	Ļ	н			
T1.3.3.8	DETERMINE SAFENESS FOR LANDING	А	N/A	N/A	N/A	н	н			
T1,3.3.9	ISSUE CHANGE OF LANDING INSTRUCTIONS	vc	N/A	N/A	N/A	L	н			
T1.3.3.1Ø	ISSUE CLEARANCE FOR AIRCRAFT TO LAND OR CLEARANCE FOR CPTION	vc	N/A	N/A	N/A	н	н			
T1.3.3.1.	RECEIVE NOTICE OF AIRCRAFT EXECUTING LANDING/ OPTION	vc	EXECUTING LANDING OPTION	N/A	N/A	M	н			
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		Task	Information Requ	Information			
Task Number	Task Statement	Туре	Information Received	Source	Information Entered	Freq	Crit
T1.3.3.12	OBSERVE AIRCRAFT EXECUTING LANDING/ OPTICN	R/A	EXECUTING LANDING/ OPTION	DIRECT OBSERVATION	N/A	М	H
T1.3.3.13	ISSUE GO AROUND	vc	N/A	N/A	N/A	L	н
T1.3,3.14	RECEIVE NOTICE OF PILOT-INITIATED MISSED APPROACH/ GO AROLND/ TOUCH-AND-GO/ STOP-AND-CO	vc	N/A	N/A	N/A	L	н
T1.3.3.15	INFORM CONTROLLER OF MISSED APPROACH/ GO AROUND/ TOUCH-AND-GO/ STOP-AND-GO	E/VC	N/A	N/A	MUDGED APPROACH FUNCTION, TEXTUAL ATC MAIL	L	н
T1.3,3.16	DIRECT PILOT TO CONTACT GROUND CONTROL	vc	N/A	N/A	N/A	н	н
T1.3.3.17	ENTER RUNIJAY ASSIGNMENT FOR AIRCRAFT	Ε	N/A	N/A	FLIGHT ID, RUNWAY ASSIGNMENT FUNCTION	L	M
T1.3,3.18	OBSERVE DISPLAY OF AIRCRAFT EXECUTING LANDING/ OPTION	R/A	ASDE TARGET	ASDE	N/A	L	н
T1.3.3.19	VERIFY PILOT HAS CURRENT ATIS	R/A/VC	ATIS CHARACTER	FDE, AIRPORT INFORMATION	N/A	L	М
T1.3,3.20	ISSUE AMENDED CLEARANCE FOR LANDING/ OPTION	vc	N/A	N/A	N/A	L	H
T1.3.4	MONITORING NON-CONTROLLED OBJECTS						
71.3,4.1	RECEIVE NOTICE OF AN INTRUSION INTO ATRSPACE/ MOVEMENT AREA BY NON-CONTROLLED OBJECT	R/VC	INTRUSION	TEXTUAL ATC MAIL	N/A	L	Н
T1.3,4.2	CBSERVE DIRECTLY AN AIRSPACE/ MOVEMENT AREA INTRUSION BY NON-CONTROLLED 08 JEC1	R/A	INTRUSION	DIRECT OBSERVATION	N/A	L	К
71,3,4.3	OBSERVE ON DISPLAY AN INTRUSION INTO AIRSPACE/MOVEMENT AREA BY NON-CONTROLLED OBJECT	R/A	TARGET POSITION SYMBOL, UNCORRELATED TARGET INDICATOR, ASDE TARGET	SITUATION DISPLAY, ASDE	N/A	L	ส
T1.3,4.4	FORWARD NOTICE OF AN AIRSPACE. MOVEMENT AREA INTRUSION BY A NON-CONTROLLED OBJECT	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	H
T1.3,4.5	OBSERVE NON-CONTROLLED OBJECT PROGRESS	R/A	NON-CONTROLLED OBJECT MOVEMENT	DIRECT OBSERVATION	N/A	L	н
T1.3.4.6	INFORM PILOT/ OPERATOR WHEN CLEAR OF NON-CONTROLLED OBJECT	vc	N/A	N/A	N/A	L	М
71.3.4.7	ISSUE ADVISORY IN REGARD TO NON-CONTROLLED OBJECT IN AIRSPACE/ MOVEMENT AREA	vc	N/A	N/A	N/A	L	н
۲1.3.5	RESPONDING TO IMPOSED AIRSPACE/ MOVEMEN! AREA RESTRICTIONS						
T1.3,5.1	RECEIVE NOTICE OF IMPOSED AIRSPACE/ MOVEMENT AREA RESTRICTION	R/VC	AIRSPACE/ MOVEMENT AREA RESTRICTION NOTICE	TEXTUAL ATC MAIL	N/A	L	м
T1.3,5.2	DETERMINE IMPACT OF AIRSPACE/ MOVEMENT AREA RESTRICTION ON AIRCRAFT MOVEMENT	A	N/A	N/A	N/A	L	M

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T	Tori Chata-a-t	Task	I Company	Information	T-6		
Task Number	Tusk Stotement	Type	Information Received	Source	Information Entered	Freq	Crit
71.3.5.3	ISSUE INSTRUCTIONS RESTRICTING AIRCRAFT ACTIVITY IN AFFECTED AIRSPACE/ MOVEMENT AREA	٧٢	N/A	N/A	N/A	L	н
T1.3.6	REQUESTING TEMPORARY RELEASE OF AIRSPACE/ MUVEMENT AREAS						
T1.3.6.1	REQUEST TEMPORARY RELEASE OF AIRSPACE/ MOVEMENT AREA	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	M
T1.3.6.2	RECEIVE RELEASE/ USE OF AIRSPACE/ MOVEMENT AREA	R/VC	RELEASE/ USE OF AIRSPACE/ MOVEMENT AREA	TEXTUAL ATC MAIL	N/A	Ĺ	М
T1.3.6.3	RECEIVE DENIAL OF USE OF AIRSPACE/ MOVEMENT AREA	R/VC	DENIAL OF USE OF AIRSPACE/ MOVEMENT AREA	TEXTUAL ATC MAIL	N/A	Ļ	м
T1.3.6.4	FORWARD NOTICE OF RETURN OF RELEASED AIRSPACE/ MOVEMENT AREA	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	١
T1.3.6.5	ENTER REMINDER OF TEMPORARY MOVEMENT AREA RELEASE	Ę	N/A	N/A	ENTER REMINDER OF MOVEMENT AREA RELEASE	м	n
T1.3.6.6	DELETE REMINDER OF TEMPORARY MOVEMENT AREA RELEASE	E	N/A	N/A	DELETE REMINDER OF MOVEMENT AREA RELEASE	М	,
T1.3.7	RESPONDING TO REQUESTS FOR TEMPORARY RELEASE OF AIRSPACE/ MOVEMENT AREAS						
T1,3,7,1	RECEIVE REQUEST FOR TEMPORARY RELEASE OF AIRSPACE/ MOVEMENT AREA	R/VC	REQUEST FOR TEMPORARY RELEASE OF AIRPSACE/ MOVMENT AREA	FEXTURE ATC MAIL	N/A	1	•
71.3.7.2	DISCUSS RELEASE OF AIRSPACE/ MOVEMENT AREA AITH SUPERVISOR/ OTHER CONTROLLER	A, VC	NA	r∕a	\ 4		,
T1.3.7.3	FORWARD APPROVAL FOR TEMPORARY USE OF AIRSPACE/ MOVEMENT AREA	E∕VC	4/A	N/A	TEXTURE ATO MAIL		"
T1.3.7.4	FORWARD DENIAL OF TEMPORARY USE OF AIRSPACE/ MOVEMENT AREA	E/VC	5√A	1. 14	TEXTURE ATO MAIL		-
T1.3.7.5	RECEIVE RETURN OF AIRSPACE/ MOVEMENT AREA TEMPORARILY RELEASED	R/VC	RETURN OF AIRSPACE/ MOVEMENT AREA	TEXTUAL ATC MAIL	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		.
T1.3.7.6	EVALUATE FEASIBILITY OF RELEASING AIRSPACE/ MOVEMENT AREA TEMPORARILY	R/A	FULL DATA BLOCK, FLIGHT DATA ENTRY	SITUATION DISPLAY, FLIGHT DATA DISPLAY	N/A		
71.4	ROUTE OR PLAN FLIGHTS					}	
71,4,1	PLANNING CLEARANCES						
T1.4.1.1	RECEIVE CONTROLLER REQUEST FOR CLEARANCE/ APPROVAL	R∕VC	REQUEST FOR CLEARANCE APPROVAL	TEXTUAL ATC MAIL	N/A	M	١
T1,4,1,2	RECEIVE IFR CLEARANCE REQUEST FROM PILOT	vc	N/A	N/A	N/A	L	"
T1.4.1.3	RECEIVE SPECIAL VFR REQUEST FROM PILOT	VC	N/A	N/A	N/A	L	M
T1.4.1.4	RECEIVE TCA/ TRSA/ ARSA REQUEST FROM PILOT	vc	N/A	N/A	N/A	l	

Task Information Requirements										
Task Number	Task Statement	Tosk Type	Information Received	Information Source	Information fatered	Freq	Crit			
T1.4.1.5	REQUEST BEACON CODE	E/R	BEACON CODE	FLIGHT DATA DISPLAY	FLIGHT 10, DISCRETE CODE REQUEST FUNCTION	L	Ł			
T1, 4, 1, 6	ASSIGN BEACON CODE	νc	N/A	N/A	N/A	L	L			
T1.4.1.7	FORWARD CLEARANCE REQUEST TO ANOTHER CONTROLLER	E/VC	N/A	N/A	TEXTUAL ATC MAIL	м	М			
T1.4.1.8	REQUEST CLEARANCE/ APPROVAL FROM ANOTHER CONTROLLER	E/VC	N/A	N/A	TEXTUAL ATO MAIL	М	М			
T1.4.1.9	RECSIVE CLEARANCE APPROVAL/ CLEARANCE RESTRICTIONS FROM ANOTHER CONTROLLER	R/VC	CLEARANCE APPROVAL/ CLEARANCE RESTRICTIONS	TEXTUAL ATC MAIL	N/A	М	М			
T1.4.1.10	RECEIVE CLEARANCE DISAPPROVAL/ DENIAL FROM ANOTHER CONTROLLER	R/VC	CLEARANCE DISAPPROVAL/ DENIAL	TEXTUAL ATC MAIL	N/A	L	М			
71,4,1,11	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED CLEARANCE	R./A	DEPARTURE LIST, TRAFFIC MANAGEMENT RESTRICTIONS, SPECIAL USE AIRSPACE STATUS, TARGET SYMBOL, LIMITED DATA BLOCK	FLIGHT DATA DISP. SPECIAL LISTS, SYSTEM ENVIRONMENTAL AND STATUS DATA DISP, SITUATION DISP	N/A	М	Я			
71.4.1.12	RECEIVE ALTERNATE SUGGESTION FOR CLEARANCE/ APPROVAL REQUESTED OF ANOTHER CONTROLLER	R/VC	ALTERNATE SUGGESTION FUR CLEARANCE/ APPROVAL	TEXTUAL ATC MAIL	N/A	L	М			
71,4,1,13	DETERMINE APPROPRIATE ACTION FOR ALRORAFT CLEARANCE	A	N/A	N/A	N/A	н	м			
** • :	RESPONDING TO SPECIAL CONDITIONS EMERGENCIES									
1.21	RECEIVE NOTICE OF SPECIAL CONCUCTOR CHERICALS	R. ∗0	SPECIAL CONDITION/ EMERGENCY, BEACON CODE	TEXTUAL ATC MAIL, SITUATION DISPLAY	N/A	L	4			
::	PERIENCE PRESENCE DE SPECIAL TONOTTION EMERICAN ALBALLY	A, +\$	SPECIAL CONDITION/ EMERGENCY	† cs	N/A	L	ч			
- : 3	FORMARI SPECIAL IDNO FICINO PNERGENO P INFORMATION FO SUPERVISOR, ITMER IDNI POLLER	€ +3	N A	V A	TEXTUAL ATC MAIL	L	Н			
• • • •	INFORM PELOT, VEHICLE OPERATOR OF ASSESSME ALROPAST VEHICLE CONCLITION	vc	× à	%∕A	N/A	l	н			
2 5	CONDUCT VISUAL RADAR IDENTIFICATION OF NORCO, DVERDUE AIRCRAFT	R/A	AIRCRAFT IDENTIFICATION, TARGET SYMBOL, DATA BLOCK, ASDE TARGET	DIRECT OBSERVATION, SITUATION DISPLAY, ASDE	N/A	Ĺ	н			
*1.4.2.6	DECLARE EMERGENCY AND INVOKE CONTINGENCY PLAN	E/R/A/VC	EMERGENCY AIRPORT LIST	SPECIAL LISTS	TEXTUAL ATC MAIL	L	н			
11,4,2,7	RECEIVE SUPERVISOR NOTICE OF EMERGENCY DECLARED AND CONTINGENCY PLAN INVOKEL	R/VC	EMERGENCY, CONTINGENCY PLAN	TEXTUAL ATC MAIL	N/A	L	н			
T1.4.2.8	REVIEW CONTINGENCY CHECKLIST ON STATIC DISPLAY	E/R/A	CONTINGENCY CHECKLIST	STATIC INFORMATION DISPLAY	N/A	L	н			
T1.4.2.9	INFORM DESIGNATED PET TONNEL OF SPECIAL COLUITION/ EMERGENCY	E/VC	N/A	N/A	TEXTUAL ATC MAIL		н			
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		1001	Information Req				
Task Number	Task Statement	Tosk Type	Information Received	Information Sounce	Information Entered	Freq	Crit
T1.4.2.1 ð	RECEIVE NOTICE OF TERMINATION OF SPECIAL CONDITION/ EMERGENCY	R/V↓	TERMINATION OF SPECIAL CONDITION/ EMERGENCY	TEXTUAL ATC MAIL	N/A	Ĺ	М
T1.4.2.11	FORWARD NOTICE C. TERMINATION OF S: .L CONDITION/ EMERGEY	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	М
T1.4.2.12	DELETED						
T1.4.2.13	OBSERVE TERMINATION OF SPECIAL CONDITION/ EMERGENCY	F/A	TERMINATION OF SPECIAL CONDITION/ EMERGENCY	DIRECT OBSERVATION	N/A	L	
T1.4.2.14	RECEIVE PILOT NOTICE OF EMERGENCY DECLARED	VC	N/A	N/A	N/A	L	ξ
71.4.3	RESPONDING TO SPECIAL OPERATIONS						
71.4.3.1	PECEIVE NOTICE OF SPECIAL GPERATION	R/VC	SPECIAL OPERATION	TEXTUAL ATC MAIL	N/A	L	14
T1.4.3.2	PERCEIVE PRESENCE OF SPECIAL OPERATION	R/A	SPECIAL OPERATION	DIRECT OBSERVATION, SITUATION DISPLAY, ASDE	N/A	L	:A
T1.4.3.3	INFORM OTHERS OF SPECIAL OPERATION	E/VC	N/A	N/A	TEXTUAL ATC MAIL	Ĺ	3
T1.4.3.4	CONDUCT SPECIAL OPERATION ACTIONS	TBD	TBD	160	T3D	٤	ч
71.4.3.5	RECEIVE NOTICE OF TERMINATION OF SPECIAL OPERATION	R/vC	TERMINATION OF SPECIAL OPERATION	TEXTUAL ATC HAIL	i\/A	Ĺ	3
71.4.3.6	ENTER TERMINATION OF SPECIAL OPERATION	£	N/A	N/A	SYSTEM STATUS DATA CHANGE FUNCTION	L	<u></u>
71.4.4	PROCESSING FLIGHT PLAN AMENDMENTS						
71,6.4.1	RECEITE FLIGHT PLAN AMENOMENT VERBALLY FORWARDED	vc	N/A	N/A	N/A	L	4
T1.4.4.2	PETERMINE NEED FOR FLIGH) PLAN AMENDMENT	А	N/A	N/A	N/A	L	*
71.4.4.3	RECEIVE FLIGHT PLAN AMENDMENT FROM COMPUTER	R	FDE *HIGHLIGHTED*	FLICHT CATA DISPLAY	N/A	M	м
71,4,4,4	SMIHASIZE FDC POSTING FOR REMINDER ACTION	Ł	N/A	N/A	FIGHT 1D, FIELD TO BE EMPHASIZED, FOE AND DATA FIELD EMPHASIS FUNCTION	ر	.4
11,4,4,5	ENTER FLIGHT PLAN AMENDMINT	Ĺ	N/A	N/A	FLIGHT ID, FIELD TO BE MODIFIED, NEW DATA, FLIGHT CATA AMENBMENT FUNCTION		.ei
\$1,4,4,5	FORWAPD FEIGHT PLAN AMENDMENT VERSALL/	VC	N/A	N/A	N/A	L	м
31.4.4.7	RECEIVE CONTROLLER ADVICE OF UNABLE FLIGHT PLAN AMENDMENT	P/VC	UNABLE FLIGHT PLAN AMEROMENT	TEXTUAL ATO MAIL	te/A	Ĺ	м
71.4.4.8	LL F1∈ FDE EMPHASIS	C	N/A	N/A	FDE AND DATA FILLD EMPHASIS FUNCTION	L	L
11.4.4.3	INCURM CONTROLLER UNABLE FLIGHT PLAN AMENDMENT	F\AC	N/A	N/A	TEXTUAL ATO MATS	L	м
11.4.4.1B	TRAMFER FOR TO CLEARANCE DELIVERY/ FLIGHT DATA FOR ANCHEMENT	E.	N/A	N/A	FLIGHT 1D, TRANSFER FOR AMENUMENT FUNCTION	L	i L
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Task Number	Task Statement	Tosk Type	Information Received	Information Source	Information Entered	Freq	Crit
T1.4,5	RESPONDING TO REQUESTS FUR TRANSFER OF CONTROL						
T1.4.5.1	RECEIVE HANDOFF REQUEST	R/VC	HANDOFF STATUS INDICATOR	DATA BLOCK	N/A	M	н
T1.4.5.2	DENY HANDOFF	E/A/VC	N/A	N/A	REJECT HANDOFF	L	H
T1.4.5.3	ACCEPT VERBAL HANDOFF/ INITIATE MANUAL TRACK START	E/R/VC	TARGET POSITION SYMBOL	SITUATION DISPLAY	FLIGHT ID, START TRACK FUNCTION] }	Н
T1.4.5.4	ACCEPT AUTOMATIC HANDOFF	E/A	N/A	N/A	FLIGHT ID, ACCEPT HANDOFF FUNCTION	Н	н
T1.4.5.5	VERIFY COMMUNICATIONS WITH PILOT ON TRANSFER O' CONTROL	Vo	N/A	N/A	N/A	Н	н
T1.4.5.6	VERIFY A12CRAFT ALTITUDE UITH PILOT ON TRANSFER OF CONTROL	R/A/VC	FLIGHT DATA ENTRY, FULL DATA BLOCK, MODE C ALTITUDE/ PILOT REPORTED ALTITUDE	FLIGHT DATA DISPLAY, SITUATION DISPLAY	N/A	м	ų
T1.4.5.7	CLITERMINE PESPONSE TO HANGUEF PEQUEST	А	N/A	N/A	N/A	м	н
71.4.5	INITIATING TRANSFER OF CONTROL/ RADAR IDENTIFICATION						
71.4.6.1	DETECT MANUAL HANDOFF MCDE INDICATION	R	LACK OF AUTO INHIBITED HANDOFF	FULL CATA BLOCK, HANDOTF ALERT INDICATION	N/A		n
T1 4.6.2	ISSUE CHANGE OF FREQUENCY TO FILOT	vc	N/A	N/A	N/A	н	, r
71,4,5,3	INITIATE HANDOFF FUNCTION	<u>:</u>	N/A	N/A	FLIGHT ID. SECTOR/ FACILITY, INITIATE PANDOFF FUNCTION	м	н
T1.4,5.4	CBSERVE AUTOMATIC INITIATION OF MANDOFF	R	HANDOFF STATUS/INDICATOR	DATA BLOOK	N/A	н	ч
71,2,, ,	DETECT HANDOFF ALERT INDICATION	R	HANDOFF ALERT INDICATION	DATA PLOCK	N/A	L.	۳.
71.4.8.6	RETRACT HANDOFF	E/A/VC	N/A	N/A	FLIGHT ID. RETRACT HANDOFF FUNCTION	L	н
71.4.6.7	RECEIVE HANCOFF REJECTION	A/VC	HANDUFF STATUS/ INDICATOR	JATA BLOCK	N/A		"
71.4.6.8	RECEIVE HANDOFF ACCUPTANCE	R/VC	HANDUFF STATUS/ INDICATOR	DATA BLOCK	N/A	н	н
71.4.5.3	DISCUSS TRANSFER OF CONTROL WITH OTHER CONTROLLER	vc	N/A	N/A	V-c	L	
71,4.6.10	ISSUE CHANGE TO VER BEACON CODE ASSIGNMENT	vc	N/A	N/ A	N/A	L	М
71,4.6.11	INITIATE VERBAL HANDOFF	vc	N/A	N/A	N/A	L	l h
11.4.7	ISSUING POINTOUTS			{	Ì		
T1,4,7,1	INITIATE POINTOUT	E/A/VC	N 'A	N/A	CLIGHT (D. SECTOR/ PACILITY, INITIATE SCINTOUT FUNCTION	ز	۲
11.4.7.2	CBSERVE AUTOMATIC INITIATION OF POINTOU. TO ANOTHER CONTROLLER	R	POINTOUT INDICATOR	DATA BLOCK	N/A		ų
71.4.7.3	DETECT MANUAL POINTOUT MODE INDICATION	R	AUTOMATIC POINTOUT SUPPRESSION INDICATOR	FULL DATA BLOCK	N/A		M
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T1.4.7.4	PFRCEIVE NO ACTION CN POINTOUT	R/A	NU ACTION ON POINTOUT	DATA BLOCK	N/A		н
T1.4.7.5	RECEIVE REJECTION OF POINTOUT	R/VÇ	POINTOUT INDICATOR, RECEIVING SECTOR/ POSITION ID, REJECT	DATA BLOCK	N/A	L	н
T1.4.7.6	RECEIVE ACCEPTANCE OF POILMOUT	R/VC	POINTOUT INDICATOR, RECEIVING SECTOR/ POSITION ID, ACCEPT	CATA BLOCK	N/A	L	н
T1.4.7.7	DISCUSS POINTOUT WITH OTHER CONTROLLER	vc	M/A	N/A	N/A	L	li
71.4.8	RESPONDING TO POINTOUTS						
T1.4.8.1	RECEIVE POINTOUT	R/VC	POINTOUT INDICATOR, INITIATING SECTOR	DATA BLOCK	N/A	L	н
71.4.8.2	ACCEPT POINTOUT	E/A/VC	N/A	N/A	FLIGHT ID, POINTCUT ACKNOWLEDGE FUNCTION	L	뒤
₹1.4.8.3	ACCEPT VERBAL POINTOUT/ STARI TRACK	E/A/VC	N/A	N/A	FLIGHT ID, TRACK START FUNCTION	L	ч
71.4.3.4	TUDTNIOR YMBC	E/A/VC	N/A	N, A	FLIGHT ID. REJECT POINTOUT FUNCTION	L	ři
~1.4.8.5	TRANSFER FDE TO OVERFLIGHT LIST	Ē	N/A	N/A	FLIGHT ID, TRANSFER FDE FUNCTION	Ł	L
T1.4.8.6	CETERMINE RESPONSE TO POINTOUT	А	N/A	N/A	N/A	L	н
1.4.9	ISSUING CLEARANCES						
71.4.9.1	APPROVE CLEARANCE REQUEST	E/VC	N/A	N/A	ATC MAJE	М	14
~7.4.9.2	FORMULATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS	А	N/A	N/A	N/A	н	H
T1.4.9.3	CENY CLEARANCE REQUEST	E/VC	N/A	N/A	ATC MAIL	L	j d
71.4.9 4	ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT	νc	N/A	N/A	N/A	н	Я
71.4.9.5	ISSUE CLEARANCE THROUGH FSS/ ACF/ OTHER PILOT FOR RELAY TO PILOT	E/VC	N/A	N/A	ATC MAIL	L	н
*1.4.9.5	VERIFY AIRCRAFT COMPLIANCE WITH CLEARANCE	R/A	TARGET POSITION SYMMOL. ALTITUDE NONCONFORMANCE IMPLICATOR, POSITION HISTORY, FULL DATA BLOCK, TARGET/TRACK SESCRIPTOR	SITUATION DISPLAY	N/A	н	н
71.4.9.7	QUERY PILOT REGARDING COMPLIANCE WITH CLEARANCE	vc	N/A	N/A	N/A	L	ja
11.4.9.8	SUGGEST ALTERNATIVES TO SLEARANCE REQUEST FROM CONTROLLER	E/A/VC	N/A	N/A	TEXTUAL ATO MAIL	L	н
T1,4.9.9	SUGGEST CLEARANCE ALTERNATIVES TO PILOT	A/VC	N.17	N/A	N/A.	м	а
11,4.18	MANAGING AUTOMATED HANDOFF AND POINTOUT FEATURES				-		
11.4. 18.1	INHIBIT AUTOMATIC HANCOFF FOR ALL TRACKS OR FOR DESIGNATED TRACK	E	N/A	N/A	FLIGHT ID, SECTOR/ FACILITY, INHIBIT AUTOMATIC HANDOFF	\ L	,

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	Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
	T1.4.10.2	RESTORE AUTOMATIC HANDOFF FOR ALL TRACKS OR FOR DESIGNATED TRACK	E	N/A	N/A	FLIGHT ID, SECTOR/ FACILITY, ENABLE AUTOMATIC HANDOFF	L	L
	11.4.10.3	RESTORE AUTOMATIC FOINTOUT FOR SECTOR/TRACK	Ε	N/A	N/A	FLIGHT ID, SECTOR/ FACILITY, ENABLE AUTOMATIC POINTOUT	l.	į,
	T1.4.1Ø.4	INHIBIT AUTOMATIC POINTOUT FOR SECTOR/ TRACK	E	N/A	N/A	FLIGHT ID. SECTOR/ FACILITY, INHIBIT AUTOMATIC POINTOUT	l.	Ĺ
	T1.5	ASSESS WEATHER IMPAUT						
	T1.5.1	RESPONDING TO SIGNIFICAN: WEATHER INFORMATION						
	T1.5.1.1	REQUEST WEATHER INFORMATION	E/VC	N/A	N/A	TEXTUAL ATC MAIL	l	м
	T1.5.1.2	RECEIVE WEATHER ADVISORY FROM ANOTHER CONTROLLER/ SUPERVISOR	R/VC	WEATHER ADVISORY	TEXTUAL ATC MAIL	N/A	L	н
	71.5.1.3	OBSERVE SIGNIFICANT AERCNAUTICAL AND METEOROLOGICAL DATA	R	A&M DATA	ENVIRCOMENTAL AND STATUS DATA DISPLAY	N/A		н
•	T1.5.1.4	RECEIVE PIREP ON WEATHER	vc	N/A	N/A	N/A	M	Н
	T1.5.1.5	ENTER PIREP INTO SYSTEM	Ε	N/A	N/A	PIREP FUNCTION	м	м
	T1.5.1.3	OBSERVE WEATHER AREA/ INTENSITY/ CEILING/ BASE/ WEIGHT/ MOVEMENT/ VISIBILITY/ WINDS	R/A	WEATHER AREA/ INTENSITY/ CEILING/ SASE/ HEIGHT/ MOVEMENT/ VISIBILITY/ WINDS	SITUATION DISPLAY, DIRECT OBSERVATION	N/A	Ļ	Н
	T1.5.1.7	DETERMINE WHETHER ANOTHER CONTROLLER OR PILOT NEEDS WEATHER ADVISORY	А	N/A	N/A	N/A	М	н
	T1.5.1.8	ISSUE WEATHER/ ADVISORY/ UPDATE TO PILOT/ ANOTHER CONTROLLER	E/VC	N/A	N/A	TEXTUAL ATC MAIL	M	м
	71.5.1.9	FORWARD WEATHER INFORMATION TO SUPERVISOR	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	м
	T1.5.1.10	FORWARD URGENT PIREP TO OTHER CONTROLLER	E/VÇ	N/A	N/A	PIREP FUNCTION *URGENT*, TEXTUAL ATC MAIL	L	н
	T1.5.2	PROCESSING WEATHER REPORTS	ļ					
	T1.5.2.1	DISCUSS ACTIONS TO RESPOND TO RUMANY/ TAXIMAY CHANGE	vc	N/A	N/A	N/A	м	M
	T1.5.2.2	RECEIVE REQUEST TO OBTAIN PIREP	R/VC	REQUEST TO OBTAIN PIREP	ATC MAIL	N/A	l.	L
	T1.5.2.3	RECEIVE WEATHER REPORT/ UPDATE	R/VC	WEATHER REPORT/ UPDATE	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY, TEXTUAL ATC MAIL	N/A	L	М
	T1.5.2.4	RECURD WEATHER OBSERVATION	E	M/A	N/A	INJMUNJMA ATAO MBA PUNCTION	L	
	T1.5 2.5	RECEIVE RUNNAY CUNDITION DATA	R/VC	RUNWAY COMDITION DATA	TEXTUAL ATC MAIL	N/A	ι	н
İ	11.5.2.6	REQUEST PIREP	vc	N/A	N/A	N/A	L	l _N
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ĭ1.5.2.7	FORWARD RUNWAY CONDITION DATA	E/VC	N/A	N/A	TEXTUAL ATC MAIL	ŕ	н
T1.5.2.8	DETERMINE WHETHER RUMWAY CONDITIONS HAVE CHANGED	Α	N/A	N/A	N/A	ι.	н
T1.5.2.9	CETERMINE WHETHER CONTROL ZONE IS IFR/ VFR	A	N/A	N/A	N/A	l.	н
T1.6	MANAGE LOCAL CONTROLLER POSITION RESOURCES						
T1.6.1	BRIEFING RELIEVING CONTROLLERS						
T1.6.1.1	BRIEF RELIEVING CONTROLLER	E/R/VC	CONTROLLER RELIEF BRIEFING, POSITION CHECKLIST	STATIC INFORMATION DISPLAY, SITUATION DISPLAY, FLIGHT DATA DISPLAY, OTHER LOGICAL	INDEX/TABLE OF CONTENTS, DISPLAY STATIC INFORMATION	L	н
T1.6.1.2	BROADCAST NGTICE OF FACILITY STATUS	VC	N/A	N/A	N/A	Ĺ	25
T1.6.1.?	SIGN OFF AT CONSOLE	E	N/A	N/A	USER ID, SIGN-OFF FUNCTION	Ļ	L
T1.6.1.4	VERIFY COMPLETENESS OF RELIEF BRIEFING RECEIPT	R/A	APPROPRIATENESS OF RELIEVING CONTROLLER ACTIONS AFTER RECEIVING BRIEFING	DIRECT OBSERVATION	N/A	L	ч
T1.6.2	ASSLMING POSITION RESPONSIBILITY						
T1.6.2.1	SET UP TPC ADAPTATION PARAMETERS	É	N/A	N/A	TPC ADAPTATION PARAMETERS	L	
T1.6.2.2	RECEIVE CONTROLLER RELIEF BRIEFING	R/A/VC	CONTROLLER RELIEF BRIEFING, BRIEFING CHECK IST	SITUATION, FLIGHT DATA, AND SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAYS AND SPECIAL LISTS	N/ A	L	ન
T1.6.2.3	CHECK DISPLAY FOR PROPER CONFIGURATION, USABILITY, AND SATISFACTORY STATUS	R/A	DISPLAY CONFIGURATION, USABILITY, STATUS	LOGICAL DISPLAYS	N/A	M	'n
T1.6.2.4	SIGN ON AT DESIGNATED CONSOLE	E	N/A	N/ t	SIGN ON FUNCTION		-
11.6.2.5	REQUEST IMPLEMENTATION OF TPC ADAPTATION PARAMETERS	E	N/A	N/A	REQUEST IMPLEMENTATION OF ABAPTATION PARAMETERS FUNCTION		
71.6.2.6	ADJUST PARAMETERS AND DISPLAY TO PERSONAL PREFERENCE	£	N/A	N/A	COFR ID. PACSOURD, DISPLAY PREFERENCE IDENTIFIER, MODILY DISPLAY PREFERENCE SET FUNCTION	l.	
T1.6.2.7	REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE SELF	R/A	SYSTEM STATUS, POSITION CHECKLIST	SYSTEM ENVIRONMARIAL AND STATUS DATA CISPLAY, STATIC INFORMATION CISPLAY	N/A	F	M
T1 6.2.8	RESTEW CURRENT AND PROJECTED TRAFFIC STATUS/ NEATHER	R/A	TRAFFIC, WEATHER, TRAFFIC HANAGEMENT INFORMATION	ALL LOGICAL GISPLAYS	N/A	11	н
T1,6,3	MANAGING PERSONAL WORKLOAD						
T1.6.3.1	DETERMINE IMPENDING CONTROLLER OVERLOAD	٨	N/A	N/A	ti t		H

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T1.6.3.2	INFORM SUPERVISOR CT POTTIL OVERLOAD CONGITICH	E/VC	N/A	::/A	TEXTUAL ATC MAIL	L	11
T1.6.3.3	RECEIVE SUPERVISUR NOTICE IG COME NE/ DECOMBINE POSITIONS	R/YC	NOTICE TO COMBINE/ DECOMBINE POSITIONS	TEXTUAL ATC (MI'L	N/A	L	ħ
™ 6.3 4	REQUEST ASSISTANCE OR PSUBER	E/VL	N/A	N/A	TEXTUAL ATC MANA	L	н
T1.6.3.5	REQUEST CHANGE OF AIRPORT ACCEPTANCE WATE	E/Vu	N/A	N/A	TEXTUAL ATC MAIL	L.	M
ī1.6.4	RESPONDING TO POSITION RECONFIGURATIONS						
T1.6.4.1	CONDUCT POSITION COMBINATION/ DECOMBINATION PROCEDURES	E/R/VC	Твр	(BD	TBD	L.	1
T1.6.4.2	OBSEAVE TPC CONFICURATION IN RESPONSE TO CONFIGURATION MESSAGE	Ŕ	CONFIGURATION PLAN IN CFFECT	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	L	м
T1.6.5	OPERATING AIRPORT LIGHTING SYSTEMS					} }	
T1.6.5.1	RECEIVE REQUEST TO MANIPULATE AIRPORT LIGHTING SYSTEM	R/VC	REQUEST TO MANIPULATE AIRPORT LIGHTING SYSTEM	TEXTUAL ATC MAIL	1+/A	L	м
T1.6 5.2	DETERMINE NEED TO MANIFULATE ATRPORT LIGHTING SYSTEM	А	rya	N/A	N/A	1	м
T1.6.5.3	DENY REQUEST TO MANIPULATÉ AIRPUK) LIGHTING SYSTEM	£/VC	N/A	N/A	TEXTUAL ATC MAIL	l	м
71.6.5.4	ENTER AIRPORT LIGHTING SYSTEM ADJUSTMENT	E	N/A	TVA	ADJUST AIRPORT LICHTING SYSTEM FUNCTION	L	м
T1.5.5.5	SWITCH AIRPORT LIGHTING SYSTEM MANUACLY	F.	N/A	N/A	AD JUST LIGHTING SYSTEM MANUALLY (BACKUP)	L	м
T1.7	RESPOND TO SYSTEM/ EQUIPMENT CEGRADATION						
71.7.1	RESPONLING TO TRANSIENT TOOC FAILURES						
T1.7.1.1	CETECT NON-ACCEPTANCE OF INPU. DATA	R≠∆	NON-ACCEPTANCE OF	MESS. OF COMPOST FLOW AND RESPONSE DIST. SITUATION DISP. CLICHT CATA DISP. OTHER LOGICAL DISTLAYS	N/A		
71.7.1.2	ENTER INJUT DATA MANUALLY ON CONSOLE	Ε	N/A	N/x	. S ./Lquireb	٤	M
T1.7.1.3	RECEIVE INPUT DATA MANUALLY FORWARDID FROM OTHER TPC	R	1'-0	TBO	N/A	L	М
T1,7,1,4	FURWIND INPUT DATA MANUALLY TO OTHER THE	Ē	N/A	N/A	Teu	l.	i1
*1.7.2	EXECUTING BACKUP PROCEDURES FOR THE FAILURES						
11.7.2.1	RECEIVE NOTICE OF TPC FAILURE	R/VÇ	TPG FAILURE	TEXTUAL OTO MATE	N/A	l.	М
11.7.2.2	DETECT OCCURREDUE OF THE FAILURE	C/V	THE FAILURE	DISERVATION	N/A	;	В

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T1.7.2.3	FORWARD NOTICE OF EQUIPMENT STATUS	E/vC	N/A	N/A	TEXTUAL ATC MAIL	L	ч	
71.7.3	EXECUTING BACKUP PROCEDURES FOR TOCC FAILURES							7.0
T1.7.3.1	RECEIVE NOTICE OF TUCC FAILURE	vc	N/A	N/A	N/A	L	н	
T1.7.3 2	DETECT OCCURRENCE OF TOCC FAILURE	R/A	TOOC FAILURE	ALERT AND RESOLUTION DISPLAY, OTHER LOGICAL DISPLAYS	N/A	L	н	
T1.7.3.3	REVERT TO TOCO BACKUP PROCECURES (TBD)	78D	TBD	TRO	TBD	i,	н	C. Northwest and
T1.7.3.4	VERIFY COMPUTER ACTION DURING TRANSITION STAGES	E/R/VC	FULL DATA BUDCK, FLIGHT DATA ENTRY *ALL PERTINENT DATA*	SITUATION DISPLAY, FLIGHT DATA DISPLAY	TEXTUAL ATC NAIL, SYSTEM STATUS DATA CHANGE	L	Н	
T1.7.3.5	RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES	VC	CONFIRMATION INFORMATION	TEXTUAL ATC MAIL	N/A	L	н	
T1.7.4	EXECUTING BACKUP PROCEDURES FOR NAVAIL FAILURES							
T1.7,4.1	DETECT NAVAID FAILURE	R/A	NAVAID STATUS	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	1.	'n	
71.7.4.2	INFOPM PILOT OF NAVAIU STATUS	vc.	N/A	N/A	N/A		M	
T1.7.5	EXECUTING BACKUP PROCEDURES FOR COMMUNICATION FAILURES							
11,7,5,1	DETECT COMMUNICATION FAILURE	VC/A	COMMUNICATIONS FAILURE	TCS	N/A	L	14	
T1.7.5.2	REVERT TO LIGHTOUN COMMUNICATION PROCEDURES	N/A	N/A	N/A	N/A	L	14	į
T1.7.5.3	SWITCH TO BACKUP RADIC/ FREQUENCY	Ε	N/A	N/A	VSUS	L	н	Ì
T1.7.5 4	ADJUST COMMUNICATION PAIN TO ACCOMMODATE FAILURE/ OVERLOAD	Ē	N/A	N/A	COMMUNICATION PATH	L	н	
11,7,5,5	RECEIVE NEW TREQUENCY ASSIGNMENT	R//C	NEW FREQUENCY	ITYTUAL ATO NAIL, SYSTEM ENVIPORMENTAL AND STATUS DATA DISPLAY	N/A		Ą	
TN.7.5.6	REGGIVE NUTICE OF ALTERNATE COMMUNICATION PATH	R/vC	ALTERNATE CREMUNICATION PARE	TEXTUAL ATO MAIL. SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A }		м	
7.5.7, יו	FORWARD AUTICE OF CONTUNICATION STATUS	E/7C	*6'4	N/A	TEXTURE ATO MATE	1	н	
71.7.5	FORWARD NEW FREIGH-INCY A 3 3 1 GAMMIN.	ی/√ال	her.	N/A	TEXTUAL ATO MAIL	L	В	}
1 .7.5.9	CONSIDER ALTERNATION PATE	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	Н	
11.7.%	EXECUTING BACKUP PROCEDURES FOR SENSONZ TRACKING FAILURES						-	
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Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
T1.7.6.1	DETECT SENSON/ TRACKING FAILURE	R/A	SENSOR STATUS, TRACK STATUS	SYSTEM ENVIRONMENTAL AND STATUS DATA JISPLAY, SITUATION DISPLAY, COAST/ SUSPEND LIST	N/A	L	អ
T1.7.5.2	REVERT TO NUN-RADAK PROCEDURES	A	N/A	N/A	N/A	L	Н
T1.7.6.3	REQUEST FLIGHT PLAN EXTRAPOLATION FOR A TRACK	E	N/A	N/A	FLIGHT ID, FLIGHT PLAN EXTRAPOLATION FUNCTION	į	L
T1.7.6.4	DBSERVE EXTRAPOLATED FLIGHT PLAN POSITION ON A TRACK	R/A	TRACK PCSITION SYMBOL *EXTRAPOLATED*	SITUATION DISPLAY	N/A	L	L
T1.7.€.5	SUPPRESS FLIGHT PLAN EXTRAPOLATION FOR A TRACK	E	N/A	N/A	FLIGHT ID, FLIGHT PLAN EXTRAPOLATION FUNCTION	L	!
71.7.7	RESPONDING TO TRANSIENT COMMUNICATION FAILURES		1				
71,7,7,1	RECEIVE NOTICE OF TRANSIENT COMMUNICATION FAILURE	R/VC	TRANSIENT COMMUNICATION FAILURE	TEXTUAL ATC MAIL	N/A	L	М
T1.7.7.2	DETECT TRANSIENS COMMUNICATION FAILURE	R/A	TRANSIERT COMMUNICATION FAILURE	TCS	N/A	L	м
11.7.7.3	REQUEST COMMUNICATION CHECK FROM OTHER POSITION/ AIRCRAFT/ ALENCY	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	М
T1.7 /.4	RECEIVE COMMUNICATION CHECK FROM OTHER POSITION/ AIRCRAFT/ HGINCY	VC	N/A	N/A	N/A	L	M
T1.7.8	RESPONDING TO AIRPORT EQUIPMENT FAILURES			1			
T1.7.8.1	OBSCRVE FAILURE OF AIRCORT EQUIPMENT	R/A	AIRPORT EQUIPMENT FAILURE	DIRECT CUSERVATION	N/A		Н
11.7.6.2	INHIBIT PROCESSING OF DATA FROM FAULTY SEMSOR	E	N/A	N/A	SENSOR CVERRIDE FUNCTION	L	L
71.7.8.3	RESTORE PRODESSING OF DATA FROM ALREDRE SENSOR	Ε	AVA	M/A	SENSOR OVERRIDE FUNCTION	L	M
.1.7.9	RESPONDING YO ACCO		· comment	*. •			
71.7.9.:	DETECT TOSC STANU-ALONE MODE THUTCATUR	3	TOOC STAND-ALONE MODE INDICATOR	ACCRIT AND RESOLUTION CLSPILAY	*\/A	L	H
11,7 9.2	CONT TO POSTED AVENUES SCOME AND PARCHARD	P/VC	FORCE STAND A CONE MODE	JEANN STO JACOKST	1/81		Н
T1.7.9.3	INFORM SUPTENTED OF TODO STAND-ALOFT MODE	£7°0	NVA	NA	TEXTURE ATC MATE	L	Н
T1.7 9.4	RECEIVE NOTICE OF ACE BACKLE MODE	R/v2	ACE BACHON HOTE	TEXTUAL OFF THAT	N _c /A		M
71.7.9.5	PROUPERL TO HOCO DEGRADED PROUPERED (TOD)	160	160	rep	(TED)	L	м
71,7.9.6	REVOYS TO ALCO BACKUM PROCEDURES (150)	тєю	TB0	i ser	(86)	Ĺ	м
71,7,9,7	RSVART OF TOOL STANSALONG MADE BY GOLD ROSS (190)	180	180	750	Tyr.	L	~

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		Tasi	Informution Requ	uirements		_	
Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
T2	SROUND CONTROLLER			,-			
T2.1	PERFORM GROUND SITUATION MONITORING						
T2.1.1	ESTABLISHING/ MAINTAINING POSITIVE AIRCRAFT/ VEHICLE IDENTIFICATION						
T2.1 1.1	RECEIVE PILOT/ OPERATOR POSITION REPORT	VC	N/A	N/A	N/A	н	М
~2.1.1.2	OBSERVE AIRCRAFT/ VEHICLE AT REPORTED POSITION	R/A	AIRCRAFT POSITION, VEHICLE POSITION	DIRECT OBSERVATION	N/A	Н	н
T2.1.1.3	FORWARD PUSITION REPORT TO OTHER CONTROLLER	E,'VC	N/A	N/A	TEXTUAL ATC MAIL	L	м
T2.1.1.4	VERIFY AIRCRAFT/VEHICLE IDENTIFICATION	δ.	N/A	N/A	N/A	н	Я
T2.1.1.5	OBSERVE AIRCRAFT/ VEHICLE PROGRESS FEROUGH MOVEMENT AREA	R/A	AIRCRAFT MOVEMENT/ DIRECTION, VEHICLE MOVEMENT/ DIRECTION	DIRECT OBSERVATION	N/A	н	н
72,1,1.5	REQUEST PILOT/ OPERATOR POSITION REPORT	VC	N/A	N/A	N/A	м	ч
Т2.1.1.7	PROJECT AIRCRAFT/ VEHICLE PLANNED TIME/ POSITION PROFILE MENTALLY	A	N/A	N/A	N/A	н	м
T2.1.1.8	SEARCH ASDE FOR SPECIFIC AIRCRAFT/ VEHICLE LOCATION	R/A	ASDE TARGET	ASDE	N/A	L	,
T2.1.1.9	CBSERVE ASDE FOR AIRCRAFT/ VEHICLE PROGRESS THROUGH MOVEMENT AREA	R/A	ASDE TARGET	ASDE	N/A	L	4
T2.1.1.10	RECEIVE POSITION REPORT RELAYED FROM OTHER CONTROLLER	R/VC	POSITION REPORT	TEXTUAL ATC MAIL	N/A	L	М
T2.1.2	CHECKING AND EVALUATING TRAFFIC MOVEMENT						
T2.1.2.1	CETERMINE IF POTENTIAL AIRCRAFT/ VEHICLE CONFLICT EXISTS	A	N/A	N/A	N/A	Н	Н
T2.1.3	RECEIVING ENVIRONMENT AND STATUS INFORMATION						
72.1. 3. 1	ACKNULLEDGE ENVIRUMMENTAL/SYSTEM STATUS ALERT	E	N/A	N/A	ACKNOWLEDGE ALERT FUNCTION	ί.	М
T2.1.3.2	CBSERVE DISPLAY OF NEW/ CHANGED SYSTEM STATUS DATA	R	SYSTEM STATUS DATA	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	l.	.4
T2.1.3.3	OBSERVE DISPLAY OF NEW/ CHANGED AEROMAUTICAL AND METEUROLOGICAL DATA	R	AERONAUTICAL AND METEOROLOGICAL DATA	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A).	М
T2.1. 3. 4	OBSERVE DISPLAY OF NEW/ CHANGED AIRPORT ENVIRONMENTAL DATA	R	AIRPORT ENVIRONMENTAL DATA	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	М	.4
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		Tush	Information Requ	iri ellieticz			
Task Number	Tosk Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
72. 1.3 .5	DETECT EQUIPMENT STATUS ALERT	R	EQUIPMENT STATUS ALEPT	ALERT AND RESOLUTION DISPLAY, SYSTEM ENVIRONMENTAL AND STATUS CATA DISPLAY	N/A	L	ļŧ
72.1.3.6	RECEIVE NOTICE OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	R/VC	SYSTEM ENVIRONMENTAL AND STATUS DATA	TEXTUAL ATC MAIL	N/A	L	м
72.1.3.7	INFORM OTHERS OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	E/VC	N/A	N/A	TEXTUAL ATC MAIL	l.	M
T2.1.3.8	CETECT AERUNAUTICAL AND METEOROLOGICAL ALERT	R	AERONAUTICAL AND METEOROLOGICAL ALERT	ALERT AND RESOLUTION DISPLAY	N/A	Ĺ	н
T2.1. 3 .9	DETECT AIRPORT ENVIRCNMENTAL DATA ALERT	R	AIRPORT ENVIRONMENTAL DATA ALERT	ALERT AND RESOLUTION DISPLAY, SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	L	н
12.1.3.10	OBSERVE SYSTEM STATUS DIRECTLY	R/A	EQUIPMENT STATUS *FAILURE OR DAMAGE TO EQUIPMENT ON AIRPORT SURFACE*	DIRECT OBSERVATION	N/A	L	м
72.1.4	HOUSEKEEP ING						
T2.1.4.1	ENTER CONTROLLER NOTE	E	N/4	N/A	CONTROLLER NOTE FUNCTION *FREE FORM TEXT*	L	ار
T2.1.4.2	SELETE CONTROLLER NOTE	٤	N/A	N/A	CCNTROLLER NOTE FUNCTION *DELETE*	L	
72.1.4.3	ENTER FDE NOTATIONS	E	N/A	N/A	FLIGHT ID, FDE NOTATION FUNCTION *ENTER*	M	7.
T2.1.4.4	CELETE FDE NOTATIONS	٤	N/A	N/A	FLIGHT ID, FDE NOTATION FUNCTION *DELETE*	L	
T2.1.4.5	SELECT FDE SORTING PRIORITY SCHEME	Ε	N/A	N/A	FDE SORTING PRIORITY SCHEME	L	
T2.1.4.6	REQUEST FDE FROM ANOTHER POSITION	E/VC	N/A	N/A	FLIGHT ID, LIST, REQUEST FDE(S) FUNCTION	L	м
₹2.1.4.7	SUPPRESS FLIGHT DATA ENTRY FROM DISPLAY	E	N/A	N/A	SUPPRESS DISPLAY OF FDE, FLIGHT ID	_	i.
T2.1.4.8	RESTORE FLIGHT DATA ENTRY TO DISPLAY	E	N/A	N/A	RESTORE DISPLAY OF FOE, FLIGHT 10	L	71
72.1.4.9	DELETE FDE FROM YCCC SYSTEM	2	N/A	N/A	FLIGHT ID, TBD	1	-
T2.1.4.10	UPDATE/REVISE CONTROLLER NOTE	£	N/A	N/A	CONTROLLER NOTE FUNCTION *FREE FORM TEXT*	L	L
12.2	CONTPOL ATRORAFT/ VEHICLE GROUND MOVEMEN:						
T2.2.1	RESPONDING TO FLOW CONSTRAINTS						
τ2.2.1,1	OBSERVE EDCT IN FDE	К	EXPECT DEPARTURE CLEARANCE TIME *EDCT*, FLIGHT DATA ENTRY	FLIGHT DATA DISPLAY	N/A	m	m

		Task	Information Requ	uirements	واستعياده والمستعادي ويراجيرا		
Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
T2.2.1.2	CHOOSE DESIRED SEQUENCE	A	N/A	N/A	N/A	н	М
T2.2.1.3	ISSUE TAXI INSTRUCTIONS TO EFFECT DESTRED SEQUENCE	VC	N/A	N/A	N/A	н	М
T2.2.1.4	ISSUE INSTRUCTIONS FOR GROUND HOLD	vc	N/A	N/A	N/A	м	М
T2.2.1.5	DISCUSS GROUND DELAY TECHNIQUE WITH PILOT	vc	N/A	N/A	N/A	М	i.
T2.2.2	PROCESSING GROUND TRAFFIC DEVIATIONS						
T2.2.2.7	OBSERVE GROUND TRAFFIC DEVIATION DIRECTLY	R/A	GROUND TRAFFIC DEVIATION	DIRECT OBSERVATION	N/A	l	Н
T2.2.2.2	RECEIVE NOTICE OF GROUND TRAFFIC DEVIATION	R/VC	GROUND TRAFFIC DEVIATION	TEXTUAL ATC MAIL	N/A	L	н
12.2.2.3	INFORM OTHER CONTROLLER/ SUPERVISOR OF GROUND TRAFFIC DEVIATION	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	ਸ
T2.2.2.4	QUERY PILOT/ OPERATOR/ CONTROLLER REGARDING GROUND TRAFFIC DEVIATION	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	м
72.2.2.5	DETERMINE NEW POSITION IN GROUND TRAFFIC SEQUENCE	A	N/A	N/A	N/A	L	а
T2.2.2.5	CETERMINE MANEUVER TO ESTABLISH/ RESTORE SEQUENCE	٨	N/A	N/A	N/A	L	ч
T2.2.2.7	SETERMINE APPROPRIATE ACTION IN RESPONSE TO GROUND TRAFFIC DEVIATION	A	N/A	N/A	N/A	L	Н
72.2.2.8	CBSERVE GROUND TRAFFIC DEVIATION ON ASDE DISPLAY	R/A	ASDE TARGET	ASDE	N/A	L	ä
T2.2.2.9	ISSUE INSTRUCTIONS TO RECOVER FROM GROUND TRAFFIC DEVIATION	vc	N/A	N/A	N/A	L	н
T2.2.2.10	GBSERVE AIRCRAFT/ VEHICLE RESUMING CONFORMANCE DIRECTLY	R/A	AIRCRAFT MOVEMENT/ DIRECTION, VEHICLE MOVEMENT/ DIRECTION	DIRECT OBSERVATION	N/A		м
T2.2.2.11	CBSERVE DISPLAY OF AIRCRAFT/ VEHICLE RESUMING CONFORMANCE	R/A	ASDE TARGET	ASDE	N/A	L	М
T2.2.2.12	INFORM OTHER GROUND TRAFFIC OF GROUND TRAFFIC DEVIATION	vc	N/A	N/A	N/A	L	н
T2.2. 3	ESTABLISHING DEPARTURE SEQUENCES	<u> </u>					
T2.2.3.1	RECEIVE PILOT REQUEST FOR TAXI INSTRUCTIONS	vc	N/A	N/A	N/A	н	м
T2,2.3.2	RECEIVE FDE OF DEPARTURE AIRCRAFT	R/A	FDE *PRESENCE OF NEW FDE*, DEPARTURE LIST	FLIGHT DATA DISPLAY	N/A	н	M
T2.2.3.3	RECEIVE PILOT REQUEST FOR PUSHBACK/ POWERBACK INSTRUCTIONS	vc	N/A	N/A	N/A	н	l
T2.2.3.4	REVIEW DEPARTURE LIST TO OPTIMIZE SEQUENCE	R/A	FLIGHT DATA ENTRY, DEPARTURE LIST	FLIGHT DATA DISPLAY	N/A	н	M
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	Task Number	Task Statement	Tosk Type	Information Received	Information Source	Information Entered	Freq	Crit.
	T2.2.3.5	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT CN PROPOSED DEPARTURE	R/A	DEPARTURE LIST, AIRPORT INFORMATION, TRAFFIC IN MOVEMENT AREA	FLIGHT DATA DISPLAY, SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY, DIRECT OBSERVATION	N/A	М	М
	T2.2. 3 .6	REVIEW DISPLAY OF TRAFFIC MANAGEMENT RESTRICTIONS FOR EFFECT CN SEQUENCE	R/A	EXPECT DEPARTURE CLEARANCE TIME *EDCT*. TRAFFIC MANAGEMENT ADVISORY LIST ENTRY	FLIGHT DATA ENTRY, TRAFFIC MANAGEMENT ADVISORY LIST	N/A	L	м
J	T2.2.3.7	RESEQUENCE FDE MANUALLY	E	N/A	N/A	MANUALLY POST/ ORDER FDE	н	L
	T2.2.3.8	ORM PILOT OF CURRENT A.IS (WIND/ ALTIMETER/ RUNNAY IN USE)	R/VC	N/A	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	L	н
	T2.2.3.9	ISSUE INSTRUCTIONS FOR PUSHBACK/ POWERBACK	vc	N/A	N/A	N/A	ا	М
ļ	T2.2.3.10	VERIFY PILOT HAS CURRENT ATIS	R/A/VC	ATIS CHARACTER, FLIGHT DATA ENTRY	AIRPORT INFORMATON, FLIGHT DATA DISPLAY	N/A	L	м
	T2.2.3.11	TRANSFER FDE TO OTHER CONTROLLER	Ε	N/A	N/A	FLIGHT ID. POSITION-TO-POSITION TRANSFER OF DATA FUNCTION	н	ч
	T2.2.3.12	DISCUSS SEQUENCING WITH LOCAL CONTROLLER	vc	N/A	N/A	N/A	M	м
	T2.2.3.13	ENTER RUNUAY ASSIGNMENT FOR AIRCRAFT	E	N/A	N/A	FLIGHT ID, RUNWAY ASSIGNMENT FUNCTION	L	М
	72.2.3.14	ENTER TAXI START TIME	E	N/A	N/A	START TAXI TIME, DEPARTURE FLCW, MANAGEMENT AIRCRAFT DATA	н	L
	T2.2.4	RESPONDING TO MOVEMENT AREA CLOSURES/ REOPENING						
	72.2.4.1	RECEIVE NOTICE OF MOVEMENT AREA CLOSURE/ RECPENING	R/VC	MOVEMENT AREA RESTRICTION NOTICE	TEXTUAL ATC MAIL	N/A	м	٧
	72.2.4.2	CBSERVE DISPLAY OF MOVEMENT AREA STATUS CHANGE	R	AIRPORT INFORMATION	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A		м
	T2.2.4.3	ENTER SYSTEM ENVIRONMENTAL AND STATUS DATA CHANGE MESSAGE	E	N/A	N/A	SYSIEM STATUS DATA CHANGES FUNCTION		м
	72.2.4.4	REQUEST RELEASE OF CLOSED MOVEMENT AREA	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	M
	T2.2.4.5	ISSUE INSTRUCTIONS TO DIVERT TRAFFIC AROUND CLOSED MOVEMENT AREA	vc	N/A	N/A	N/A	м	м
	T2.2.4.6	RECLIVE RELEASE/ USE OF CLOSED MOVEMENT AREA	R/VC	RELEASE/ USE OF CLOSED MOVEMENT AREA	TEXTUAL ATC MAIL	N/A	L	М
	72.2.4.7	RECEIVE DENIAL OF USE OF CLOSED MOVEMENT AREA	R/VC	DENIAL OF USE OF CLOSED MOVEMENT AREA	TEXTUAL ATC MAIL	N/A	L	M
	T2.2.5	RESPONDING TO GROUND MOVEMENT REQUESTS						
	T2.2.5.1	RECEIVE PILOT/ VEHICLE OPERATOR REQUEST FOR MOVEMENT IN/ THROUGH MOVEMENT AREA	VC	N/A	N/A	N/A	н	М
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TEMPO MOVEM OTHER T2.2.5.3 ISSUE HOLD: RUMAN T2.2.5.4 REQUE: RELEA T2.2.5.5 DISCU MOVEM CONTR T2.2.5.6 RECEI TEMPO MOVEM T2.2.5.7 RECEI TEMPO MOVEM T2.2.5.9 ISSUE INSTR MOVEM T2.2.5.10 DENY REQUE T2.2.5.11 ENTER TEMPO RELEA T2.2.5.12 DETER MOVEM T2.2.5.14 DELET TEMPO RELEA T2.2.5.14 DELET TEMPO RELEA T2.2.5.14 DELET TEMPO RELEA T2.2.5.14 RECEI TEMPO RELEA T2.2.5.14 RECEI TEMPO RELEA T2.2.5.15 RESPO FOR I MOVEM T2.2.5.1 RECEI TEMPO RELEA T2.2.5.1 RECEI TEMPO	ST TEMPORARY SE OF MOVEMENT AREA SS RELEASE OF ENT AREA WITH OTHER OLLER VE DELAY OF RARY RELEASE OF IENT AREA VE DENIAL OF RARY USE OF IENT AREA VE APPROVAL OF IENT AREA APPROVAL/ IUCTIONS FOR GROUND IENT GROUND MOVEMENT ST REMINDER OF IRARY MOVEMENT APEA	A VC E/VC VC R/VC R/VC VC VC	N/A N/A N/A N/A DELAY OF TEMPORARY RELEASE DENIAL OF USE OF MOVEMENT AREA RELEASE/ USE OF MOVEMENT AREA N/A N/A	N/A N/A N/A TEXTUAL ATC MAIL TEXTUAL ATC MAIL TEXTUAL ATC MAIL N/A N/A N/A	N/A N/A TEXTUAL ATC MAIL N/A N/A N/A N/A N/A N/A N/A N/	M M M L M H L M	M M M M
T2.2.5.4 REQUERELEA T2.2.5.5 DISCUMOVEM CONTR T2.2.5.6 RECEITEMPO MOVEM T2.2.5.7 RECEITEMPO MOVEM T2.2.5.9 ISSUER INSTRINGT MOVEM T2.2.5.10 DENY REQUEREMPO RELEA T2.2.5.11 ENTER TEMPO RELEA T2.2.5.12 DETER MOVEM T2.2.5.14 DELETER MOVEM T2.2.5.15 RECEITEMPO RELEA T2.2.5.16 RESPORTE RELEA T2.2.5.17 RECEITEMPO RELEA T2.2.5.18 RESPORTE RELEA T2.2.5.19 RECEITEMPO RELEA T2.2.5.10 RECEITEMPO RELEA T2.2.5.11 RECEITEMPO RELEA T2.2.5.12 RESPORTE RELEA T2.2.5.12 RECEITEMPO RELEA T2.2.5.13 RECEITEMPO RELEA T2.2.5.14 RECEITEMPO RELEA T2.2.5.14 RECEITEMPO RELEA T2.2.5.15 RECEITEMPO RELEA T2.2.5.11 RECEITEMPO RELEA T2.2.5.12 RESPORTE RELEA T2.2.5.11 RECEITEMPO RELEA T2.2.5.12 RECEITEMPO RELEA T2.2.5.12 RECEITEMPO RELEA T2.2.5.13 RECEITEMPO RELEA T2.2.5.14 RECEITEMPO RELEA T2.2.5.14 RECEITEMPO RELEA T2.2.5.15 RECEITEMPO RELEA T2.2.5.10 RECEITEMPO RELEA T2.2.5.11 RECEITEMPO RELEA T2.2.5.12 RECEITEMPO RELEA T2.2.5.12 RECEITEMPO RELEA T2.2.5.13 RECEITEMPO RELEA T2.2.5.14 RECEITEMPO RELEA T2.2.5.14 RECEITEMPO RELEA T2.2.5.15 RECEITE	SHORT OF ACTIVE Y ST TEMPORARY SE OF MOVEMENT AREA SS RELEASE OF ENT AREA WITH OTHER OLLER VE DELAY OF RARY RELEASE OF ENT AREA VE DENIAL OF RARY USE OF ENT AREA VE APPROVAL OF IRARY USE OF IRARY MOVEMENT IST IRARY MOVEMENT APEA ISE IMMINE GROUND	E/VC VC R/VC R/VC VC E	N/A N/A DELAY OF TEMPORARY RELEASE DENIAL OF USE OF MOVEMENT AREA RELEASE/ USE OF MOVEMENT AREA N/A N/A	N/A N/A TEXTUAL ATC MAIL TEXTUAL ATC MAIL TEXTUAL ATC MAIL N/A N/A	TEXTUAL ATC MAIL N/A N/A N/A N/A N/A N/A ENTER REMINDER OF	м м н	M M M
T2.2.5.5 DISCU MOVEM CONTR T2.2.5.6 RECEI TEMPO MOVEM T2.2.5.7 RECEI TEMPO MOVEM T2.2.5.8 RECEI TEMPO MOVEM T2.2.5.9 ISSUE INSTR MOVEM T2.2.5.10 DENY REQUE T2.2.5.11 ENTER TEMPO RELEA T2.2.5.12 DETER MOVEM T2.2.5.14 DELET TEMPO RELEA T2.2.5.14 DELET TEMPO RELEA T2.2.5.14 RESPO FOR 1 MOVEM T2.2.5.1 RECEI TEMPO RELEA T2.2.5.1 RECEI TEMPO RELEA T2.2.5.1 RECEI TEMPO RELEA T2.2.5.1 RECEI TEMPO MOVEM T2.2.5.1 RECEI TEMPO MOVEM T2.2.5.1 RECEI TEMPO MOVEM T2.2.5.1 DESER	SE OF MOVEMENT AREA SS RELEASE OF ENT AREA WITH OTHER OLLER VE DELAY OF RARY RELEASE OF ENT AREA VE DENIAL OF RARY USE OF ENT AREA VE APPROVAL OF RARY USE OF ENT AREA APPROVAL/ CUCTIONS FOR GROUND EIGHT GROUND MOVEMENT ST REMINDER OF RARY MOVEMENT APEA ISE EMINE GROUND	VC R/VC R/VC VC VC	N/A DELAY OF TEMPORARY RELEASE DENIAL OF USE OF MOVEMENT AREA RELEASE/ USE OF MOVEMENT AREA N/A	N/A TEXTUAL ATC MAIL TEXTUAL ATC MAIL TEXTUAL ATC MAIL N/A	N/A N/A N/A N/A N/A ENTER REMINDER OF	M M	M M H
MOVEM CONTR	ENT AREA WITH OTHER OLLER VE DELAY OF RARY RELEASE OF ENT AREA VE DENIAL OF RARY USE OF ENT AREA VE APPROVAL OF RARY USE OF ENT AREA APPROVAL OF RARY USE OF ENT AREA APPROVAL OF RARY USE OF ENT AREA CAPPROVAL OF RARY USE OF ENT APPROVAL OF ENT APPROVAL OF ENT APPROVAL OF ENT APPROVAL OF ENT APPROVED THE ENT APPROVE ENT APPROV	R/VC R/VC VC VC	DELAY OF TEMPORARY RELEASE DENIAL OF USE OF MOVEMENT AREA RELEASE/ USE OF MOVEMENT AREA N/A	TEXTUAL ATC MAIL TEXTUAL ATC MAIL TEXTUAL ATC MAIL N/A	N/A N/A N/A N/A ENTER REMINDER OF	M L M	M M H
TEMPO MOVEM T2.2.5.7 RECEI TEMPO MOVEM T2.2.5.8 RECEI TEMPO MOVEM T2.2.5.9 ISSUE INSTR MOVEM T2.2.5.10 DENY REQUE T2.2.5.11 ENTER TEMPO RELEA T2.2.5.12 DETER MOVEM T2.2.5.14 DELET TEMPO RELEA T2.2.5	RARY RELEASE OF ENT AREA VE DENIAL OF RARY USE OF ENT AREA VE APPROVAL OF RARY USE OF ENT AREA APPROVAL/ EUCTIONS FOR GROUND EINT GROUND MOVEMENT ST REMINDER OF RARY MOVEMENT APEA ISE EMINE GROUND	R/VC R/VC VC VC	RELEASE DENIAL OF USE OF MOVEMENT AREA RELEASE/ USE OF MOVEMENT AREA N/A	TEXTUAL ATC MAIL TEXTUAL ATC MAIL N/A	N/A N/A N/A ENTER REMINDER OF	L М Н	M M H
TEMPO MOVEM T2.2.5.3 RECEI TEMPO MOVEM T2.2.5.9 ISSUE INSTR MOVEM T2.2.5.10 DENY REQUE T2.2.5.11 ENTER TEMPO RELEA T2.2.5.12 DETER MOVEM T2.2.5.14 DELET TEMPO RELEA T2.5.14 DELET TEMPO RELEA T2.5.14 DELET TEMPO RELEA T2.5.14 D	RARY USE OF JENT AREA VE APPROVAL OF JENT AREA APPROVAL/ JUCTIONS FOR GROUND JENT GROUND MOVEMENT ST REMINDER OF JERRY MOVEMENT APEA SEE JEMINE GROUND	R/VC VC VC E	MOVEMENT AREA RELEASE/ USE OF MOVEMENT AREA N/A	TEXTUAL ATC MAIL N/A	N/A N/A N/A ENTER REMINDER OF	M H	м н
TEMPO MOVEM T2.2.5.9 ISSUE INSTR MOVEM T2.2.5.10 DENY REQUE T2.2.5.11 ENTER TEMPO RELEA T2.2.5.12 DETER MOVEM T2.2.5.13 FORUM OF RE AREA T2.2.5.14 DELET TEMPO RELEA T2.2.5.14 DELET TEMPO RELEA T2.2.5.14 RECED TEMPO RELEA T2.2.5.14 RECED TEMPO RELEA T2.2.5.10 RECED TEMPO RELEA T2.2.5.11 RECED TEMPO RELEA T2.2.5.11 RECED TEMPO RELEA T2.2.5.12 DESERVICE TEMPO RELEA T2.2.5.12 DESERVICE TEMPO RELEA T2.2.5.11 RECED TEMPO RELEA T2.2.5.12 DESERVICE TEMPO RELEA	RARY USE OF JENT AREA APPROVAL/ JUCTIONS FOR GROUND JENT GROUND MOVEMENT ST REMINDER OF JENEY MOVEMENT APEA SEE JEMINE GROUND	VC VC E	MOVEMENT AREA N/A N/A	N/A N/A	N/A N/A ENTER REMINDER OF	H L	н
INSTR MOVEM T2.2.5.10 DENV REQUE	CUCTIONS FOR GROUND LENT GROUND MOVEMENT ST REMINDER OF BRARY MOVEMENT APEA SSE RMINE GROUND	VC E	N/A	N/A	N/A ENTER REMINDER OF	į.	শ
REQUE T2.2.5.11 ENTER TEMPO RELEA T2.2.5.12 DETER MOVEM T2.2.5.13 FORUM OF RE AREA T2.2.5.14 DELET TEMPO RELEA T2.2.6.1 RECEI TEMPO MOVEM T2.2.6.1 UBSEF	ST REMINDER OF RARY MOVEMENT AREA SE RMINE GROUND	E			ENTER REMINDER OF		
TEMPO RELEA T2.2.5.12 DETER MOVEM T2.2.5.13 FORWAR OF RE AREA T2.2.5.14 DELET TEMPO RELEA T2.2.5.14 RESPONDED T2.2.5.1 RECED TEMPO MOVEM T2.2.5.1 UBSEF	RARY MOVEMENT AREA SE MINE GROUND		N/A	N/A		м	1
T2.2.5.13 FORWAREA T2.2.5.14 DELET TEMPORELEA T2.2.5 RESPONDEN T2.2.5.1 RECEITEMPONDEN T2.2.5.1 DESET		A	1	l	İ		H
72.2.5.14 DELET TEMPC RELEA MOVEN T2.2.5.1 RECEITEMPC MOVEN T2.2.5.1 RECEITEMPC MOVEN T2.2.5.2 UBSEF		ļ	N/A	N/A	N/A	н	н
TEMPO RELEA T2.2.6 RESPO FOR 1 MOVEN T2.2.5.1 RECEITEMPO MOVEN T2.2.6.2 UBSEF	ARD NOTICE OF RETURN ELEASED MOVEMENT	E/VC	N/A	N/A	TEXTUAL ATC MAIL	Ł	L
T2.2.5.1 RECE) TEMPO MOVEN	TE REMINDER OF DRARY MOVEMENT AREA ASE	Ε	N/A	N/A	DELETE REMINDER OF MOVEMENT AREA RELEASE	М	Н
TEMPO MOVEN	ONDING TO REQUESTS TEMPORARY RELEASE OF MENT AREAS						
	IVE REQUEST FOR URARY RELEASE OF MENT AREA	R/VC	REQUEST FOR TEMPORARY RELEASE OF MOVEMENT AREA	TEXTUAL ATC MAIL	N/A	L	М
IN MO	RVE CURRENT TRAFFIC OVEMENT AREA	R/A	AIRCRAFT LOCATION, VEHICLE LOCATION, AIRPORT SURFACE DETECTION EQUIPMENT TARSET	DIRECT OBSERVATION, AIRPORT SURFACE DETECTION EQUIPMENT	N/A	М	м
RELE	UATE FEASIBILITY OF ASING MOVEMENT AREA ORARILY	A	N/A	N/A	N/A	М	M
TEMP	ARD APPROVAL FOR ORARY USE OF MENT AREA	E/VC	N/A	N/A	TEXTUAL ATC MAIL	м	<i>*</i>
TEMP	ARD DENIAL OF URAPY USE OF MENI AREA	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	m
MOVE!	IVE RETUPN OF MENT AREA ORARILY RELEASED	R/VC	RETURN OF MOVEMENT ARLA	TEXTUAL ATS MAIL	N/A	L	L

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		Task	Information Requ	uirements			
Task Number	Task Statement	Task Tyne	Information Received	Information Source	Information Entered	Freq	Crit
T2.2.7	RESPONDING TO RUMNAY/ TAXIWAY USAGE CHANGES						
72.2.7.1	RECEIVE NOTICE OF RUMMAY/ TAXIMAY USAGE CHANGE	R/VC	ACTIVE RUNNAY, CLOSED RUNNAY, ACTIVE TAXIWAY, CLOSED TAXIWAY	TEXTUAL ATC MAIL	N/A	L	н
T2.2.7.2	CBSERVE DISPLAY OF RUNJAY/ TAXIWAY USAGE CHANGE	R	ACTIVE RUNDAY, CLOSED RUNDAY, ACTIVE TAXIWAY, CLOSED TAXIWAY	SYSIEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	Ĺ	н
T2.2.7.3	REVIEW SITUATION DISPLAY TO OPTIMIZE DEPARTURE SEQUENCE	R/A	POSITICN SYMBOL, DATA BLOCK, WEATHER DESCRIPTOR	SITUATION DISPLAY	N/A	Ĺ	М
T2.2.7.4	DISCUSS ACTIONS TO RESPUND TO RUNWAY/ TAXIWAY CHANGE	VC	N/A	N/A	N/A	L	M
T2.2.8	MCNITORING NON-CONTROLLED OBJECTS						
T2.2.8.1	OBSERVE DIRECTLY A MOVEMENT AREA INTRUSION BY NON-CONTROLLED OBJECT	R/A	INTRUSION	DIRECT CBSERVATION	N/A	L	н
T2.2.8.2	RECEIVE NOTICE OF MOVEMENT AREA INTRUSION BY NON-CONTROLLED OBJECT	R/VC	INTRUSION	TEXTUAL AIC MAIL	N/A	L	11
T2.2.8.3	INFORM OTHER CONTROLLER/ SUPERVISOR/ TRAFFIC OF MOVEMENT AREA INTRUSION BY NUN-CONTROLLED OBJECT	E/VC	N/A	N/A	TEXTUAL ATC MAIL	ι.	ii
T2.2.8.4	OBSERVE NON-CONTROLLED OBJECT PROGRESS THROUGH MOVEMENT AREA	R/A	NCN-CONTROLLED OBJECT POSITION, MOVEMENT, DIRECTION	DIRECT OBSERVATION	N/A	Ļ	н
r2.2.8.5	CBSERVE NON-CONTROLLED OBJECT ON ASDE DISPLAY	R/A	ASDE TARGET	ASDE	N/A	L	ч
T2.2.8.6	RECEIVE REPORT UPDATE OF NCN-CONTROLLED OBJECT MOVEMENT	vc	N/A	N/A	N/A	L	н
T2.2.8.7	REQUEST RESPONSE FROM PILOT/ OPERATOR OF NON-CONTROLLED OBJECT	vc	N/A	N/A	N/A	L	H
T2.2.8.8	INFORM PILOT/ OPERATOR WHEN CLEAR OF NOW-CONTROLLED UBJECT	VC	N/A	N/A	N/A	L	**
~2.3	ROUTE OR PLAN FLIGHTS						Ì
ĭ2.3.1	PLANNING AND ISSUING CLEARANCES	İ					
72.3.1.1	RECEIVE PILOT REQUEST FOR CLEARANCE	VC	N/A	N/A	M/A	L	М
T2,3.1.2	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED CLEARANCE	R/A	DEPARTURE LIST, TRAFFIC MANAGEMENT RESTRICTIONS, SPECIAL USE AIRSPACE STATUS, TARGET SYMBOL, LIMITED DATA BLOCK	FLIGHT DATA DISP, SPECIAL LISTS, SYSTEM ENVIRONMENTAL AND STATUS DATA DISP, SITUATION DISP	N/A	L	м
T2.3.1.3	TRANSFER FOE TO CLEARANCE DELIVERY/ FLIGHT DATA FOR AMENDMENT	£	N/A	N/A	FLIGHT ID, TRANSFER FOR AMENDMENT FUNCTION	L	ч
T2.3.1.4	FORMULATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS	Λ	N/A	N/A	N/A		м
12.3.1.5	UENY CLEARANCE REQUEST	vc	N/A	N/A	N/A	ι	м
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^T ask Number	™osk Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
72.5.1.6	ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT	ν¢	N/A	N/A	N/A	L	м
72.3.1.7	SUGGEST CLEARANCE ALTERNATIVES TO PILOT	A/VC	N/A	N/A	N/A	L	м
T2.3 1.8	EMPHASIZE FDE FOR REMINDER ACTION	E	N/A	N/A	FDE AND DATA FIELD EMPHASIS FUNCTION *ADD*	l.	м
72.3.1.9	DELETE FDE EMPHASIS	Ē	N/A	N/A	FDE AND DATA FIELD EMPHASIS FUNCTION *OELETE*	L	м
72.3.2	RESPONDING TO SPECIAL CONDITIONS/ EMERGENCIES						
F2.3.2.1	RECEIVE NOTICE OF SPECIAL CONDITION/ EMERGENCY	R/VC	NOTICE OF SPECIAL CONDITION/EMERGENCY, BEACON CODE	TEXTUAL ATC MAIL, SITUATION CISPLAY	N/A .	l.	н
T2.3.2.2	CBSERVE AIRCRAFT/ VEHICLE ABNORMALITY DIRECTLY	R/A	AIRCRAFT/ VEHICLE ABNORMALITY	DIRECT OBSERVATION	N/A	L	
72.3.2.3	PERCEIVE PRESENCE OF SPECIAL CONDITION/ EMERGENCY AURALLY	a/VC	SPECIAL CONDITION/EMERGENCY	TC3	N/A	L	3
T2.3.2.4	FORWARD SPECIAL CONDITION/EMERGENCY INFORMATION TO SUPERVISOR/ OTHER CONTROLLER	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	ď
T2.3.2.5	DECLARE EMERGENCY AND INVCKE CONTINGENCY PLAN	£/A/VC	N/A	N/A	TEXTUAL ATC MAIL	L	'n
72.3.2.6	RECEIVE SUPERVISOR NOTICE OF EMERGENCY SECLARED AND CONTINGENCY PLAN INVOKED	R/VC	EMERGENCY, CONTINGENCY PLAN	TEXTUAL ATC MAIL	N/A	L	H
72.3.2.7	ISSUE TAXI INSTRUCTIONS TO HOLD/ REROUTE GROUND TRAFFIC CLEAR OF SPECIAL CONDITION/ EMERGENCY	VC	N/A	N/A	N/A	L	н
T2.3.2.8	INFORM PILOT/ VEHICLE OPERATOR OF ABBORMAL AIRCRAFT/ VEHICLE CONDITION	VC	N/A	N/A	N/A	i,	::
T2.3.2.9	ISSUE TAXI INSTRUCTIONS TO SPECIAL CONDITION/ EMERGENCY AIRCRAFT	vc	N/A	N/A	N/A	L.	н
T2.3.2,10	CONDUCT RAMP SEARCH FOR OVERDUE AIRCRAFT	R	OVERDUE AIRCRAFT PRESENCE	DIRECT OBSERVATION	N/A	L	L
т2.3 :	REQUEST RAMP SEARCH FOR OVERDUE AIRCRAFT	E/VC	N/A	N/A	TEXTUAL ATC MAIL	٤	
12.3.2.12	ISSUE INSTRUCTIONS FOR REQUIRED DEPLOYMENT OF EMERGENCY EQUIPMENT	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	Н
T2.3.2.13	RECEIVE NOTICE OF TERMINATION OF SPECIAL CONDITION/ EMERGENCY	R/VC	TERMINATION OF SPECIAL CONDITION/ EMERGENCY	TEXTUAL ATC MAIL	N/A	L	.4
T2.3.2.14	FORWARD NOTICE OF TERMINATION OF SPECIAL CONDITION/ EMERGENCY	E/VC	N/A	N/A	TEXTUAL ATC MAIL	Ĺ	А
T2.3.2,15	REVIEW CONTINGENCY CHECKLIST ON STATIC DISPLAY	E/R/A	CONTINGENCY CHECKLIST	STATIC INFORMATION DISPLAY	N/A	L	Н
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72.3.2.16	INFORM DESIGNATED PERSONNEL OF SPECIAL CONDITION/ EMERGENCY	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	н
72.3,3	RESPONDING TO SPECIAL OPERATIONS						
T2.3.3.1	RECEIVE NOTICE OF SPECIAL OPERATION	R/VC	NOTICE OF SPECIAL OPERATION	TEXTUAL ATC MAIL, SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	L	м
T2.3.3.2	PERCEIVE PRESENCE OF SPECIAL OPERATION	R/A	SPECIAL OPERATION	DIRECT OBSERVATION, SITUATION DISPLAY, ASDE	N/A	L	м
72.3.3,3	INFORM OTHERS OF SPECIAL OPERATION	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	м
72.3.3.4	CONDUCT SPECIAL OPERATION ACTIONS	TBO	T80	180	T3D	L.	М
~2.3.3.5	RECEIVE NOTICE OF TERMINATION OF SPECIAL OPERATION	R/VC	TERMINATION OF SPECIAL OPERATION	TEXTUAL ATC MAIL	N/A	L	м
T2.3.3.6	ENTER TERMINATION OF SPECIAL OPERATION	Ε	N/A	N/A	SYSTEM STATUS DATA CHANGE FUNCTION	L	м
~2.3.÷	TRANSFERRING CONTROL RESPONSIBILITIES - CEPARTURE AIRCRAFT						
[‡] 2.3.4,1	CBSERVE DEPARTURE AIRCRAFT IN PROPER POSITION IN DEPARTURE SEQUENCE	R/A	AIRCRAFT POSITION	DIRECT OBSERVATION	N/A	н	.39
T2.3,4.2	DIRECT PILOT TO CONTACT/ MONITOR LOCAL CONTROLLER ON FREQUENCY	VC	N/A	N/A	N/A	Я	3
T2.3.5	CBSERVING ARRIVAL AIRCRAFT						
T2.3.5.1	CBSERVE ARRIVAL AIRCRAFT ON SITUATION DISPLAY	R	DATA BLOCK, TARGET SYMBOL	SITUATION DISPLAY	N/A	14	74
T2.3.5.2	CBSERVE AIRBORNE AIRCRAFT DIRECTLY	R	AIRCRAFT POSITIØN, COURSE	DIRECT OBSERVATION	N/A	н	79
T2.3.5.3	RECEIVE FOR OF APRIVAL AIRCRAFT IN ARRIVAL LIST	ΰ	FLIGHT DATA ENTRY	ARRIVAL LIST	N/A	#	M
T2.3.5.4	RECEIVE ARKIVAL AIRCRAFT ENTRY IN LAST AIRCRAFT TO LAND LIST	я	FLIGHT DATA ENTRY	LAST AIRCRAFT TO LAND LIST	N/A	н	М
T2.4	ASSESS WEATHER IMPACT					į	
T2.4.1	RESPONDING TO SIGNIFICANT WEATHER INFORMATION						
T2.4.1.1	REQUEST WEATHER INFORMATION	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	M
T2.4.1.2	ISSUE WEATHER/ ADVISORY/ UPDATE TO PILOT/ ANOTHER CONTROLLER	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	М
12.4.1.3	RECEIVE PIREP ON WEATHER	VC	N/A	N/A	N/A	м	н
12.4.1.4	OBSERVE WEATHER AREA/ INTENSITY/ CELLING/ BASE/ HEIGHT/ MOVEMENT/ VISIRILITY/ WINUS	R∕∧	WEATHER AREA/ INTENSITY/ CEILING/ BASE/ HEIGHT/ MOVEMENT/ VISIBILITY/ WINDS	SITUATION DISPLAY, DIRECT OBSERVATION	N/A	м	H

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		1031	Information Req	arrements			
Task Number	Tosk Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
T2.4.1.5	RECEIVE WEATHER ADVISORY FROM ANOTHER CONTROLLER/ SUPERVISOR	R/VC	WEATHER ADVISORY	TEXTUAL ATC MAIL	N/A	L	Н
T2.4.1.6	CBSERVE SIGNIFICANT AERCMAUTICAL AND METEOROLOGICAL DATA	R/A	AERGNAUTICAL AND METEOROLOGICAL ALERT CONDITION DATA	SITUATION DISPLAY, SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	L	FI
T2.4.1.7	ENTER PIREP INTO SYSTEM	Ε	N/A	N/A	PIREP FUNCTION	L	M
T2.4.1.8	GETERMINE WHETHER ANOTHER CONTROLLER OR PILOT NEEDS WEATHER ADVISORY	А	N/A	N/A	N/A	L	н
72.4.1.9	FORWARD WEATHER INFORMATION TO SUPERVISOR	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	М
~2.4.2	PROCESSING WEATHER REPORTS						
T2.4.2.1	FCRWARD RUNWAY CONDITION DATA	E/^/C	N/A	N/A	TEXTUAL ATC MAIL .	L	ri .
T2.4.2.2	RECEIVE REQUEST TO OBTAIN PIREP	R/VC	REQUEST 10 OBTAIN PIREP	TE-TUAL ATC MAIL	N/A	L	į.
72.4.2.3	RECEIVE WEATHER REPORT/ UPDATE	R/VC	WEATHER REPORT/ UPDATE	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY, TEXTUAL ATC MAIL	N/A	Ł	74
12.4.2.4	PECORD WEATHER OBSERVATION	F.	N/A	N/A	A&M DATA AMENUMENT FUNCTION	L	м
T2.4.2.5	RECEIVE RUNWAY CONDITION DATA	R/VC	RUNWAY CONDITION DATA	TEXTUAL ATC MAIL	N/A	L	H
72.4.2.5	REQUEST PIREP	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	М
T2.4.2.7	DISCUSS ACTIONS TO RESPOND TO RUNHAY/ TAXIMAY CHANGE	VC	N/A	N/A	N/A	М	м
T2.5	MANAGE GROUND CONTROLLER POSITION RESOURCES						
T2.5.1	BRIEFING RELIEVING CONTROLLERS						
T2.5.1.1	BRIEF RELIEVING CONTROLLER	E/R/VC	CONTROLLER RELIEF BRIEFING, POSITION CHECKLIST, INDEX/ TABLE OF CONTENTS, STATIC INFORMATION	SITUATION DISPLAY, FLIGHT DATA DISPLAY, OTHER LOGICAL DISPLAYS	INDEX/ TABLE OF CONTENTS, DISPLAY STATIC INFORMATION	1	H
T2.5.1.2	SIGN OFF AT CONSOLE	Ε	N/A	N/A	USER ID, SIGN-OFF FUNCTION	L	L
T2.5.1.3	VERIFY COMPLETENESS OF RELIEF BRIEFING RECEIPT	R/A	APPROPRIATENESS OF RELIEVING CONTROLLER ACTIONS AFTER RECEIVING BRIEFING	DIRECT OBSEPVATION	N/A	L	н
12.5.2	ASSUMING POSITION RESPONSIBILITY						
T2.5.2.1	SET UP TPC ADAPTATION PARAMETERS	E	N/A	N/A	TPC ADAPTATION PARAMETERS	L	L
12.5.2.2	RECEIVE CONTROLLER RELIEF BRIEFING	R/A/VC	CONTROLLER RELIEF BRIEFING, POSITION CHECKLIST	SITUATION. FLIGHT DATA, SYSTEM ENVIRONMENIAL AND STATUS DISPLAYS, AND SPECIAL LISTS	N/A	L.	H
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Task Number	Task Statement	Task Type	Information Requ	Information Source	Information Entered	Freq	Crit
T2.5.2.3	CHECK DISPLAY FOR PROPER	R/A	DISPLAY CONFIGURATION,	LOGICAL DISPLAYS	The disade for Enter ed	rreq M	W
	CONFIGURATION, USABILITY, AND SATISFACTORY STATUS		USABILITY, SATISFACTORY STATUS				
12.5.2.4	SIGN ON AT DESIGNATED CONSOLE	E	N/A	N/A	USER ID, SICN-ON FUNCTION	L	L
T2.5.2.5	REQUEST IMPLEMENTATION OF TPC ADAPTATION PARAMETERS	ŀ	N/A	N/A	REQUEST IMPLEMENTATION OF ADAPTATION PARAMETERS FUNCTION	Ĺ	Ĺ
72.5.2.6	ACJUST PARAMETERS AND DISPLAY TO PERSONAL PREFERENCE	Ε	N/A	N/A	USER ID, PASSHORD, DISPLAY PREFERENCE IDENTIFIER, MODIFY PREFERENCE SET FUNCTION	L	L
 T2. 5. 2.7	REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPCAIR SELE	R/A	SYSTEM STAIUS	SVSTEM ENVRICAMENTAL AND STATUS DATA DISPLAY	N/A	L	М
72.5.2.8	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER	R/A	TRAFFIC, WEATHER, TRAFFIC MANAGEMENT INFORMATION	ALL LOGICAL DISPLAYS	N/A	М	н
T2.5.3	MANAGING PERSCNAL WORKLOAD						
T2.5,3,1	DETERMINE IMPENDING CONTROLLER OVERLOAD	А	N/A	N/A	N/A	L	ä
72.5.3.2	INFORM SUPERVISOR OF POTENTIAL OVERLOAD CONDITION	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	н
T2.5.3.3	RECEIVE SUPERVISOR NOTICE TO CCMBINE/DECOMBINE POSITIONS	R/VC	NOTICE TO COMBINE/ CECOMBINE POSITIONS	TEXTUAL ATC MAIL	N/a	!	4
T2.5.3.4	REQUEST ASSISTANCE OR RELIEF	E/VC	N/A	N/A	TEXTUAL ATC MAIL	٤	H
T2.5.4	RESPONDING TO POSITION RECONFIGURATIONS						
T2.5.4.1	CONCUCT POSITION COMBINATION/ DECOMBINATION PROCEDURES	E/R	¥80	TBD	TBD	į,	M
T2.5.4.2	OBSERVE TPC CONFIGURATION IN RESPONSE TO CONFIGURATION MESSAGE	R	CONFIGURATION PLAN IN EFFECT	SYSTEM ENVIRCNMENTAL AND STATUS DATA DISPLAY	N/A	L	м
T2.5.5	OPERATING TAXIWAY LIGHTING SYSTEMS						
T2.5.5.1	RECEIVE REQUEST TO MANIPULATE TAXIMAY LIGHTING SYSTEM	R/VC	REQUEST FOR TAXILIAY LIGHTING MANIPULATION	TEXTUAL ATC MAIL	N/A	l.	М
T2.5.5.2	PERCEIVE NEED TO MANIPULATE TAXIWAY LIGHTING SYSTEM	R/A	TAXIWAY LGIHTING	DIRECT OBSERVATION	N/A	ļ ,	M
12.5.5.3	SWITCH TAXIDAY LIGHTING SYSTEM MANUALLY	E	N/A	N/A	MANUALLY ADJUST LIGHTING SWITCHES	L	М
T2.5.5.4	ENTER TAXINAY LIGHTING SYSTEM ADJUSTMENT	E	N/A	N/A	TAXIMAY ID, LIGHT SETTING, LIGHTING FUNCTION	L	м
T2.6	RESPOND TO SYSTEM/ EQUIPMENT DEGRADATION						
T2.6.1	RESPONDING TO TRANSTENT TOOC FAILURES						
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Task Number	Task Statement	Type	Information Received	Source	Information Entered	Freq	Crit
T2.6.1.1	DITECT NON-ACCEPTANCE OF INPUT DATA	R/A	NON-ACCEPTANCE OF INPUT DATA	MESSAGE COMP AND RESPONSE. SITUATION. FLT DATA, AND OTHER LOGICAL DISPLAYS	N/A	L	н
72.6.1.2	ENTER INPUT DATA MANUALLY ON CONSOLE	E	N/A	N/A	AS REQUIRED	L	м
T2.6.1.3	RECEIVE INPUT DATA MANUALLY FORWARDED FROM OTHER TPC	R	AS REQUIRED	AS REQUIRED	N/A	L	м
T2.6.1 4	FORWARD INPUT DATA MANUALLY TO OTHER TPC	E	N/A	N/A	ТВО	i	M
12.6.2	RESPONDING TO TPC FAILURES						
72.6.2.1	RECEIVE NOTICE OF TPC FAILURE	R/VC	TPC FAILURE	TEXTUAL ATC MAIL	N/A	L	-1
72.5.2.2	CETECT OCCURRENCE OF TPC FAILURE	R/A	TPC FAILURE	DIRECT OBSERVATION	N/A	L	31
72.6.2.3	FORWARD NOTICE OF EQUIPMENT STATUS	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	-
72.6.3	EMECUTING BACKUP PROCEDURES FOR TOCC FAILURES						
2.6.3.1	RECEIVE NOTICE OF TCCC FAILURE	vc	N/A	N/A	N/A	L	7
2.6.3.2	DETECT OCCURRENCE CF ICCC FAILURE	R/A	TCCC FAILURE	ALERT AND RESOLUTION DISPLAY, OTHER LOGICAL DISPLAYS	N/A	L	н
2.6.3.3	REVERT TO TCCC BACKUP PROCEDURES (TBD)	тер	TBD	TBD	18D	L	H
2.5.3.4	VERIFY COMPUTER ACTION DURING TRANSITION STAGES	E/R/VC	FULL DATA BLOCK, FLIGHT DATA ENTRY *ALL PERTIENENT INFO*	SITUATION DISPLAY, FLIGHT DATA DISPLAY	SYSTEM STATUS DATA CHANGE, TEXTUAL ATC MAIL	L	н
72.5.3.5	RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES	R/VC	CCNFIRMATION INFORMATION	TEXTUAL ATC MAIL	N/A	L	+i
72.6.4	EXECUTING BACKUP PROCEDURES FOR COMMUNICATION FAILURES						
72.6.4.1	DETECT COMMUNICATION FAILURE	VC/A	COMMUNICATIONS FAILURE	TCS	N/A	Ĺ	H
72.6.4.2	REVERT TO LIGHTGUN COMMUNICATION PROCEDURES	N/A	N/A	N/A	N/A	L	×
72.6.4.3	SWITCH TO BACKUP RADIO/ FREQUENCY	£	N/A	N/A	RADIO/ FREQUENCY	L	भ
72.6.4.4	ADJUST COMMUNICATION PATH TO ACCOMMODATE FAILURE/ OVERLOAD	ξ	N/1	N/A	COMMUNICATION PATH	L	:4
T2.6.4.5	RECEIVE NEW FREQUENCY ASSIGNMENT	R/VC	FREQUENCY	TEXTUAL ATC MAIL, SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	L	14
T2.6.4.6	RECEIVE NOTICE OF ALTERNATE COMMUNICATION PATH	R/VC	ALTERNATE CCMMUNICATION PATH	TEXTUAL ATC MAIL, SYSTEM ENVIRCAMENTAL AND STATUS DATA DISPLAY	N/A	L	М

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	Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	freq	Crit
	T2.6.4.7	FCRWARD NOTICE OF COMMUNICATION STATUS	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	H
	T2.6.4.8	FORWARD NEW FREQUENCY ASSIGNMENT	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	н
	T2.5.4.9	FORWARD ALTERNATE COMMUNICATION PATH	E./VC	N/A	N/A	TEXTUAL ATC MAIL	L	Н
	T2.5.5	RESPONDING TO TRANSIENT COMMUNICATION FAILURES						
	*2.6.5.1	RECEIVE NOTICE OF TRANSIENT COMMUNICATION FAILURE	R/VC	TRANSIENT COMMUNICATIONS FAILURE	TEXTUAL ATC MAIL	N/A	L	M
	T2.6.5.2	DETECT TRANSIENT COMMUNICATION FAILURE	A/vC	TRANSIENT COMMUNICATION FAILURE	TCS	N/A	L	M
	72.6.5.3	REQUEST COMMUNICATIONS CHECK FROM OTHER POSITION/ AIRCRAFT/ AGENCY	E/VC	N/A	N/A	TEXTUAL ATO MAIL	-	М
	12.6.5.4	RECEIVE COMMUNICATIONS CHECK FROM OTHER POTITION/ AIRCRAFT/ AGENCY	VC	N/A	N/A	N/A	<u>.</u>	М
	72.6.6	RESPONDING TO AIRPORT EQUIPMENT FAILURES						
	ີ2.6.ຈີ.1	OBSERVE FAILURE OF AIRPORT EQUIPMENT	R/A	AIRPORT EQUIPMENT FAILURE	DIRECT CBSERVATION	N/A	L	м
	™2.5.6.2	INHIBIT PROCESSING OF DATA FROM FAULTY SENSOR	E	N/A	N/A	SENSOR OVERRIDE FUNCTION	١	М
	72.6.6.3	RESTORE PROCESSING OF DATA FROM AIRPORT SENSOR	£	N/A	N/A	SENSOR OVERRIDE FUNCTION	_	М
	12.6.7	RESPONDING TO ACCC FAILURES						
	T2.6.7.1	DETECT TOCC STAND-ALONE MODE INDICATOR	፞ጜ፞	TCCC STAND-ALONE MODE INDICATOR	ALERT AND RESOLUTION DISPLAY	N/A	L	М
	⊤2.\$.7.2	RECEIVE NOTICE OF TOOC STAND-ALONE MODE	R/VC	TCCC STAND-ALCNE MODE	YEXTUAL ATC MAIL	N/A	L	,
	72.6.7.3	INFORM SUPERVISOR OF TOOC STAND ALONE MODE	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	M
	72.6.7.4	RECEIVE NOTICE OF ACF BACKUP MODE	R/VC	ACF BACKUP MODE	TEXTUAL AIC MAIL	N/A	L	м
	T2.6.7.5	REVERT TO ACCC DEGRADED PROCEDURES (TBD)	TB0	OBT	TBD	TBD	L	м
	⁺ 2.6.7.6	REVERT TO ACCC BACKUP PROCEDURES (TBD)	тво	TRO	твр	TRD		M
	T2.6.7.7	REVERT TO TCCC STAND-ALONE MODE PROCEDURES (TBD)	TBD	T60	TBD	TBD	L	M
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⁷ 3	CLEARANCE CELIVERY/ FLIGHT DATA						
73.1	PERFORM CLEARANCE CELIVERY/ FLIGHT DATA SITUATION MONITORING						
73.1.1	RECEIVING ENVIRONMENT AND STATUS INFORMATION						
T3.1.1.1	DETECT AERONAUTICAL AND METEOROLOGICAL ALERT	R	AERONAUTICAL AND METEOROLOGICAL ALERT	ALERT AND RESOLUTION DISPLAY	N/A	L	Н
73.1.1.2	CETECT AIRPORT ENVIRONMENTAL DATA ALERT	R	AIRPORT ENVIRONMENTAL DATA ALERT	ALERT AND RESOLUTION DISPLAY, SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	L	н
73.1,1,3	SETECT EQUIPMENT STATUS ALERT	R	EQUIPMENT STATUS ALERT	ALERT AND RESOLUTION DISPLAY, SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	L	4
13.1.1.4	ACKNOWLEDGE ENVIRONMENTAL/ SYSTEM STATUS ALERT	E	N/A	N/A	ACKNOWLEDGE ALERT FUNCTION	L	7
T3,1.1.5	CBSERVE DISPLAY OF NEW/ CHANGED SYSTEM STATUS DATA	ĸ	SYSTEM STATUS DATA	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	м	М
73.1.1.6	OBSERVE DISPLAY OF NEW/CHANGED AEXCNAUTICAL AND MUTEOROLOGICAL DATA	R	AERONAUTICAL AND METEOROLOGICAL DATA	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	L	M
T3.1.1.7	CBSERVE DISPLAY OF NEW/CHANGED AIRPORT ENVIRONMENTAL DATA	R	AIRPORT ENVIRONMENTAL DATA	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	М	M
T3,1.1.8	RECEIVE NOTICE OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	R/VC	SYSTEM ENVIRCAMENTAL AND STATUS DATA	TEXTUAL ATC MAIL	N/A	М	Ħ
73.1.1.9	INFORM OTHERS OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	м
T3.1.1.10	ENTER SYSTEM ENVIRONMENTAL AND STATUS DATA CHANGE MESSAGE	E	N/A	N/A	SYSTEM STATUS DATA CHANGE FUNCTION	L	М
ТЗ.1.1.11	OBSERVE SYSTEM STATUS DIRECTLY	R/A	EQUIPMENT STATUS *FAILURE OR DAMAGE TO LQUIPMENT ON AIRPORT SURFACE*	DIRECT OBSERVATION	N/A	L	a
T3.1.2	HOUSEKEEPING						
13.1.2,1	ENTER CONTROLLER NOTE	E	N/A	N/A	CONTROLLER NOTE FUNCTION *FREE FURM TEXT*	L	L
T3.1.2.2	DELETE CONTROLLER NOTE	F.	N/A	N/A	CONTROLLER NOTE FUNCTION *DELETE*	L	L
	ENTER FDE NOTATIONS	E	N/A	N/A	FDE NOTATION FUNCTION *ENTER*	м	×
T3.1.2.3	1						

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	Task Number	Task Statement	Tosk Type	Information Received	Information Source	Information Entered	Freq	Crit
	T3.1.2.5	CELETE FDE FROM TCCC SYSTEM	E	N/A	N/A	FLICHT 1D, TBD	L	м
	T3.1.2.6	SELECT FDE SCRTING PRICRITY SCHEME	E.	N/A	N/A	FDE SORTING PRIORITY SCHEME	l.	L
	73.1.2.7	SUPPRESS FDE FROM CISPLAY	E	N/A	N/A	SUPPRESS DISPLAY OF FDE, FLIGHT ID	L	L
	73.1.2.8	RESTORE FDE TO DISPLAY	E.	FOE	FLIGHT DATA DISPLAY	RESTORE DISPLAY OF FOE, FLIGHT ID	Ł	М
1	73.1.2.9	REQUEST FDE FROM ANOTHER POSITION/ FACILITY	E/VC	FDE	FLIGHT DATA DISPLAY	REQUEST FDE(S) SUNCTION	L	м
	Γ3.1.2.10	UPDATE/REVISE CONTROLLER NOTE	E	N/A	N/A	CONTROLLER NOTE FUNCTION *FREE FORM TEXT*	Ł	L
	T3.2	ROUTE OR PLAN FLIGHTS						
	T3,2.1	PROCESSING FLIGHT FLANS						
	73.2.1.1	RECEIVE FLIGHT PLAN FROM	vc	N/A	N/A	N/A	L	м
	73.2.1.2	REVIEW FLIGHT PLAN FOR COMPLETENESS	R/A	FLIGHT PLAN	FLIGHT DATA DISPLAY *FORMAT/ CONTENTS OF PLIGHT PLAN*	N/A		н
	13.2.1.3	QUERY PILOT ABOUT FLIGHT	VC	N/A	N/A	N/A	نا	М
	73.2.1.4	ENTER FLIGHT PLAN	Ε	N/A	N/A	FLIGHT PLAN FUNCTION	L	M
	*5.2.2	PROCESSING FLIGHT PLAN AMENOMENTS			† -			}
	73.2.2.1	RECEIVE PILOT REQUEST FOR FLIGHT PLAN AMENUMENT	vc	N/A	N/A	N/A	м	М
	73.2.2.2	RECFIVE CONTROLLER REQUEST FOR FLIGHT PLAN AMENDMENT	R/VC	FLIGHT PLAN AMENDMENT REQUEST	TEXTUAL ATC MAIL	N/A	L	M
	T3.2.2.3	DETERMINE NEED FOR FLIGHT PLAN AMENDMENT	A	N/A	N/A	N/A	м	М
	73.2.2.4	QUERY PILOT/ CONTROLLER ON FLIGHT PLAN AMENDMENT	vc	N/A	N/A	TEXTUAL ATC MAIL	L	М
;	T3.2.2.5	ENTER FLIGHT PLAN AMENDMENT	С	N/A	N/A	FLISHT ID, FIELD TO BE MODIFIED, NEW DATA, FLIGHT DATA AMENDMENT FUNCTION		řì
	T3.2.2.6	RECEIVE FDE FROM OTHER CONTROLLER FOR FLIGHT PLAN AMENDMENT	R	FDE *FOR AMENDMENT*	CLEARANCE PENDING LIST	N/A	L	M
1	13.2.2.7	EMPHASIZE FUE POSTING FOR REMINDER AUTION	Ε	N/A	N/A	FDE AND DATA FIELD EMPHASIS FUNCTION *ADD*	L	M
į	T3.2.2.8	DELETE FOE EMPHASIS	E	N/A	N/A	FDE AND DATA FIELD EMPHASIS FUNCTION *DELETE*	L	М
	T3.2.3	REVIEWING NEW FLIGHT DATA ENTRIES						
	T3.2.3.1	GBSERVE NEW FLIGHT DATA ENTRY IN CLEARANCE PENDING LIST	R/A	FDE	CLEARANCE PENDING LIST	N/A	н	м
	тз.2.3.2	REQUEST FULL FLIGHT PLAN READOUT	E	N/A	N/A	FLIGHT ID	Н	м
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Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Orit
3.2.3.3	CBSERVE FULL FLIGHT PLAN READOUT	R	FLIGHT PLAN	FLIGHT DATA DISPLAY	N/A	Н	а
3.2.3.4	REVIEW FLIGHT DATA ENTRY FOR ERRORS/ DATA LIST SEQUENCE	R/A	FDĘ	CLEARANCE PENDING	N/A	н	М
73.2.3.5	RESEQUENCE FDE MANUALLY	E	N/A	N/A	FDE SEQUENCE	н	١.
73.3	MANAGE AIR TRAFFIC SEQUENCES						
T3.3.1	PLANNING AND ISSUING CLEARANCES						
73.3.1.1	RECEIVE PILOT REQUEST FOR CLEARANCE	٧¢	N/A	N/A	N/A	L	М
т3.3.1.2	SEARCH CLEARANCE PENDING LIST FOR FDE	R/A	FDE	CLEARANCE PENDING LIST	N/A	н	Ψ.
73.3.1.3	CBSERVE FOE FOR PRESENCE OF POR/ PDAR AND/ OR REMARKS	R	POR/ POAR INDICATOR, REMARKS	FLIGHT CATA READOUT DISPLAY	N/A	ਮ	4
3.3.1.4	REQUEST CLEARANCE FROM ACF CONTROLLER	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	, ,
73.3.1.5	RECEIVE CLEARANCE FROM ACF CONTROLLER	R/VÇ	CLEARANCE	TEXTUAL ATC MAIL	N/A	L	4
73.3.1.6	FCRMULATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS	A	N/A	N/A	N/A	н	-
3.3.1.7	ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT	VC	N/A	N/A	N/A	н	4
3.3.1.8	VERIFY PILOT HAS CURRENT ATIS	R/A/VÇ	ATIS CHARACTER	FDE. AIRPORT INFORMATION	N/A	L	
73.3 1.9	TRANSFER FOE TO STANDBY LIST	E	N/A	N/A	TRANSFER TO STANUBY	н	ų
73.3.2	TRANSFERRING FLIGHT DATA INFORMATION						
3.3.2.1	O9SERVE FDE IN STANDBY LIST	R	FDE	STANDBY LIST	N/A	н	4
T3.3.2.2	ISSUE NOTICE TO PILOT TO CONTACT/ MONITOR GROUND CONTROL	vc	ñ/A	N/A	N/A	н	м
F3.3.2.3	TRANSFER FDE TO OTHER CONTROLLER	E	N/A	N/A	POSITION-TO-POSITION TRANSFER OF DATA FUNCTION	н	н
73.3.3	RESPONDING TO SPECIAL OPERATIONS						
T3.3.3.1	RECEIVE NOTICE OF SPECIAL OPERATION	R/VC	SPECIAL OPERATION	TEXTUAL ATC MAIL.	N/A	l.	и
13.3.3.2	PERCEIVE PRESENCE OF SPECIAL OPERATION	R/A	SPECIAL OPERATION	DIRECT GBSERVATION	N/A	L	4
T3.3.3.3	INFORM OTHERS OF SPECIAL OPERATION	E/VC	N/A	N/A	TEXTUAL ATC MAIL	Ĺ	M
T3.3.3.4	CONDUCT SPECIAL OPERATION ACTIONS	TRD	тар	тво	TBD	L	м
τ3.3.3.5	RECEIVE NOTICE OF TERMINATION OF SPECIAL OPERATION	R/VC	TERMINATION OF SPECIAL OPERATION	TEXTUAL ATC MAIL	N/A	L	м
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	Tosk Number	Task Statement	Tosk Type	Information Received	Information Source	Information Entered	Frea	Cric
	13.3.4	RESPONDING TO SPECIAL CONDITIONS/ EMERGENCIES						
	T3.3.4.1	RECEIVE NOTICE OF SPECIAL CONDITION/ EMERGENCY	R/VC	NOTICE OF SPECIAL CONDITION/ EMERGENCY	TEXTUAL ATC MAIL	N/A	L.	н
	T5.3.4.2	OB: 5 AIRCRAFT/ VEHICLE ABNORMALITY OIRECTLY	R/A	AIRCRAFT/ VEHICLE ABNORMALITY	DIRECT OBSERVATION	N/A	L	н
	73.3.4.3	PERCEIVE PRESENCE OF SPECIAL CONDITION/ EMERGENCY AURALLY	A/VC	SPECIAL CONDITION/ EMERGENCY	TCS	N/A	Ĺ	н
	T3.3.4.4	FORWARD SPECIAL CCNDITION/EMERGENCY INFORMATION TO SUPERVISOR/ANOTHER CONTROLLER	E./VC	N/A	N/A	TEXTUAL ATC MAIL	L	н
	T3.3.4.5	INFCRM PILOT/ VEHICLE OPERATOR OF ABNORMAL AIRCRAFT/ VEHICLE CONDITION	VC	N/A	N/A	N/A	L	н
	₹3.3.4.6	REVIEW CONTINGENCY CHECKLIST ON STATIC DISPLAY	E/R/A	CONTINGENCY CHECKLIST	STATIC INFORMATION DISPLAY	N/A	L	Н
1	73.3.4.7	CONDUCT RAMP SEARCH FOR OVERDUE AIRCRAFT	R	OVERDUE AIRCRAFT PRESENCE	DIRECT CBSERVATION	N/A	L	i.
	*3.3.4.8	RECEIVE NOTICE OF TERMINATION OF SPECIAL CONDITION/ EMERGENCY	R/VC	TERMINATION OF SPECIAL CONDITION/ EMERGENCY	TEXTUAL ATC MAIL	N/A	Ĺ	м
	73.3.4.9	FORWARD NOTICE OF TERMINATION OF SPECIAL CONDITION/ EMERGENCY	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	м
	T3.4	RESPOND TO FLOW CONSTRAINTS						
	73.4.1	RESPONDING TO FLOW CONSTRAINTS						
	T3,4.1.1	RECEIVE CANCELLATION OF TRAFFIC MANAGEMENT RESTRICTION	R/VC	CANCELLATION OF TRAFFIC MANAGEMENT RESTRICTION, FDE	TRAFFIC MANAGEMENT ADVISORY LIST, TEXTUAL ATC MAIL, FLIGHT DATA DISPLAY	N/A	L	. 51
	T3 4 1.2	OBSERVE NEW/CHANGED ENTRY IN TRAFFIC MANAGEMENT ADVISORY LIST	Ŗ	TRAFFIC MANAGEMENT ADVISORY	SPECIAL LISTS	N/A	М	ų
	73,4.1.3	RECEIVE TRAFFIC MANAGEMENT RESTRICTION (E.G., EDCT)	R/VC	TRAFFIC MANAGEMENT RESTRICTION, EDCT IN FDE	FLIGHT DATA DISPLAY, TRAFFIC MANAGEMENT ADVISORY LIST	N/A	н	м
	73.4.1.4	FORWARD TRAFFIC MANAGEMENT RESTRICTION TO SUPERVISOR/ OTHER CONTROLLER/ FILOT	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	M
	13.4.1.5	DISCUSS TRAFFIC MANAGEMENT RESTRICTION PROCEDURES WITH CONTROLLER/ PILOT	vc	N/A	N/A	N/A	М	м
	T3.4.1.6	INFORM PILOT OF ESTIMATED DEPARTURE CLEARANCE TIME	vc	N/A	N/A	N/A	H	М
	T3,4,1.7	OBSERVE DELETION OF ENTRY FROM TRAFFIC MANAGEMENT ADVISORY LIST	R	TRAFFIC MANAGEMENT ADVISORY LIST	SPECIAL LISTS	N/A	L	М
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T3.5	ASSESS WEATHER IMPACT						
T3.5.1	RESPONDING TO SIGNIFICAN: WEATHER INFORMATION						
T3.5,1.1	REVIEW ATIS RECORDING	R/A	ATIS DATA	TCS	N/A	м	н
™3.5.1.2	UPDATE ATIS RECORDING	ε	N/A	N/A	ATIS DATA *VOICE UPDATE VIA TCS*	М	я
73.5.1.3	ENTER ANOS/ASOS APPENDAGE	Ē	N/A	N/A	AWOS/ASOS DATA	L	М
73.6	MANAGE CLEARANCE DELIVERY/ FLIGHT DATA CONTROLLER POSITION RESOURCES						
™3.6.1	BRIEFING RELIEVING CONTROLLERS						
73.6.1.1	BRIEF RELIEVING CONTROLLER	E/R/VC	CONTROLLER RELIEF SRIEFING, BRIEFING CHECKLIST	STATIC INFORMATON DISPLAY, FLIGHT DATA DISPLAY, OTHER LOGICAL DISPLAYS	INDEX/ TABLE OF CONTENTS, DISPLAY STATIC INFORMATION	L	n
T3.8,1.2	SIGN CFF AT CONSOLE	E	N/A	N/A	USER ID, SIGN-OFF FUNCTION	L	L
73.6.1.3	VERIFY COMPLETENESS OF RELIEF BRIEFING RECEIPT	R/A	APPROPRIATENESS OF RELIEVING CONTROLLER ACTIONS AFTER RECEIVING BRIEFING	DIRECT CESERVALION	N/A	L	٦
T3.6.2	ASSUMING POSITION RESPONSIBILITY						
T3.6,2.1	SET UP TPC ADAPTATION PARAMETERS	E	N/A	N/A	TPC AUAPTATION PARAMETERS	L	1.
TS.6.2.2	RECEIVE CONTROLLER RELIEF BRIEFING	R/VC	CONTROLLER RELIEF BRIEFING, BRIEFING CHECKLIST	SITUATION, FLIGHT DATA, AND SYSTEM FNVIRONMENTAL AND STATUS DATA DISPLAYS AND SPECIAL LISTS	N/A		٢
73.5.2.3	CHECK DISPLAY FOR PROPER CONFIGURATION, USABILITY, AND SATISFACTORY STATUS	R/A	DISPLAY CONFIGURATION, USABILITY, STATUS	LOGICAL DISPLAYS		М	м
T3.6.2.4	SIGN ON AT DESIGNATED CONSOLE	E	N/A	N/A	USER ID, SIGN-ON FUNCTION	l L	_
13.6.2.5	REQUEST IMPLEMENTATION OF TPC ADAPTATION PARAMETERS	E	N/A	N/A	REQUEST IMPLEMENTATION OF ADAPTATION PARAMETERS FUNCTION	L	١
73.6.2.6	ADJUST PARAMETERS AND DISPLAY TO PERSONAL REFERENCE	E/R	N/A	N/A	USER ID, PASSWORD, DISPLAY PREFERENCE IDENTIFIER, MODIFY PREFERENCE SET FUNCTION	L	l.
T3.6.2.7	REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE SELF	R/A	SYSTEM STATUS, POSITION CHECKLIST	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	L	М
15.6.2.8	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER	R/A	TRAFFIC, WEATHER, TRAFFIC MANAGEMENT INFORMATON	ALL LOGICAL DISPLAYS	N/A	М	н
T3.6.3	MANAGING PERSONAL WORKLUAD						
T3.6.3.1	DETERMINE IMPENDING CONTROLLER OVERLOAD	A	N/A	N/A	N/A	L	м

Task Information Requirements							
Task Number	Task Statement	Task Type	Information Received	Information Source	Information Enteres	Freq	Orit
73.6.3.0	INFORM SUPERVISOR OF POTENTIAL OVERLOAD CONDITION	E/VC	N≠A	N/A	TEXTUAL ATC MAIL	Ł	М
73.6.3 3	RECEIVE SUPERVISOR NOTICE TO COMBINE/ DECOMBINE POSITIONS	R/VC	NOTICE TO COMBINE/ DECOMBINE POSITIONS	TEXTUAL ATC MAIL	N/A	L	M
73.6.3.4	REQUEST ASSISTANCE CR RELIEF	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	ч
™3.8.4	RESPONDING TO POSITION RECONFIGURATIONS						
T3.6.4.1	CONDUCT POSITION COMBINATION/ DECOMBINATION PROCEDURES	E/R	T60	7 8 0	TGD	L	*
73.6.4.2	OBSERVE TPC CONFIGURATION IN RESPONSE TO CONFIGURATION MESSAGE	R	CONFIGURATION PLAN IN EFFECT	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	L	স
73.7	RESPOND TO SYSTEM/ EQUIPMENT DEGRADATION						
73.7.1	RESPONDING TO TRANSIENT TOOC FAILURES						
73.7.1.1	DETECT NON-ACCEPTANCE OF INPUT DATA	R/A	NON-ACCEPTANCE OF INPUT DATA	MESSAGE COMP AND RESPONSE, FLIGHT DATA, AND OTHER LOGICAL DISPLAYS	N/A	L	
-3.7.1.2	ENTER INPUT DATA MANUALLY ON CONSULE	٤	N/A	N/A	AS REQUIRED	L .	٣
73,7.1.3	FORWARD INPUT DATA MANUALLY TO OTHER TPC	Ε	N/A	N/A	AS REQUIRED	ر	М
73.7.1.4	RECEIVE INPUT DATA MANUALLY FORNARDED FROM OTHER TPC	R	AS REQUIRED	AS REQUIRED	N/A		::
73.7.2	EXECUTING BACKUP PROCEDURES FOR TPC FAILURES						
73.7.2.1	RECEIVE NOTICE OF TPC FAILURE	R/VC	TPC FAILURE	TEXTUAL ATC MAIL	N/A	L	9
T3.7.2.2	DETECT OCCURRENCE OF TPC FAILURE	R/A	TPC FAILURE	DIRECT OBSERVATION	N/A	L	н
13.7.2.3	FORWARD NOTICE OF EQUIPMENT STATUS	E./VC	W/A	N/A	TEXTUAL ATC MAIL	L	н
۲3.7.3	EXECUTING BACKUP PROCEDURES FOR TOCC FAILURES						
73.7.3.1	RECEIVE NOTICE OF TOCC FAILURE	vc	N/A	N/A	N/A	L	н
73.7.3.2	DETECT OCCURRENCE OF TOCC FAILURE	R/A	TCCC FAILURE	ALERT AND RESOLUTION DISPLAY, OTHER LOGICAL DISPLAYS	N/A	L	11
⊺3.7.3.3	REVERT TO TOCO BACKUP PROCEDURES (TBD)	087	СВО	180	TBD	L	н
T3.7.3.4	VERIFY COMPUTER ACTION DURING TRANSITION STAGES	E/VC	FULL DATA BLOCK, FLIGHT DATA ENTRY *ALL PERTIENFNT DATA*	SITUATION DISPLAY, FLIGHT DATA DISPLAY	SYSTEM STATUS DATA CHANGE, TEXTUAL ATC MAIL	Ļ	н
13.7.3.5	RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES	vc	CONFORMATION INFORMATION	TEXTUAL ATC MAIL	N/A	L	Н
		<u> </u>					

Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
"3. ". →	EXECUTING BACKUP PROCEDURES FOR COMMUNICATION FAILURES						
34.	DETECT COMMUNICATION FAILURE	a, vc	COMMUNICATIONS FAILURE	TCS	N/A	l,	м
3.7.4 €	SWITCH TO BACKUP RADIO/ FREQUENCY	E	N/A	N/A	RADIO/ FREQUENCY	L	М
"3.".∓.3	RECEIVE NEW FREQUENCY ASSIGNMENT	R∕VC	FREQUENCY	TEXTUAL ATC MAIL, SYSTEM ENVIRONMENTAL AND STATUS DATA	N/A	L	м
	÷			DISPLAY			
73.7.4 4	ADJUST COMMUNICATION PATH TO ACCOMMODATE FAILURE/ OVERLOAD	Ε	N/A	N/A	CCMMUNICATION PATH	L	м
73.7.4.5	RECEIVE NOTICE OF SUTERNATE COMMUNICATION PATH	R/VC	ALTERNATE COMMUNICATION PATH	TEXTUAL ATC MAIL, SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	N/A	L	Я
3.".4.6	FORWARD NOTICE OF COMMUNICATION STATUS	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	
73.7.4.7	FORWARD NEW FREQUENCY ASSIGNMENT	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	14
3,7,4,3	FORWARD ALTERNATE COMMUNICATION PATH	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	.41
*3. *.5	RESPONDING TO TRANSIENT COMMUNICATION FAILURES						
73.7.5.1	RECEIVE NOTICE OF TRANSIENT COMMUNICATION FAILURE	R/VC	TRANSIENT COMMUNICATION FAILURE	TEXTUAL ATC MAIL	N/A	L	74
73.7.5.2	DETECT TRANSIENT COMMUNICATION FAILURE	A/VC	TRANSIENT COMMUNICATION FAILURE	Tr\$	N/A	L	М
73.7.5.3	REQUEST COMMUNICATION CHECK FROM OTHER POSITION/ AIRCRAFT/ RENCY	E/VC	N/A	N/A	TEXTUAL ATC MAIL	₹.	Я
73.7.5.4	RECEIVE COMMUNICATION CHECK FROM OTHER POSITION/ AIRCRAFT/ AGENCY	VC	N/A	N/A	N/A	L	м
*3.7.6	RESPONDING TO AIRPORT EQUIPMENT FATLURES						
*3.7.5.1	OBSERVE FAILURE OF AIRPORT EQUIPMENT	R/A	AIRPORT EQUIPMENT FAILURE	DIRECT OBSERVATION	N/A	L	71
73.7.7	RESPONDING TO ACCC FAILURES						
73 7.7.1	CETECT TOOC STAND-ALONE MODE INDICATOR	R	TCCC STAND-ALGNE MODE INDICATOR	ALERT AND RESOLUTION DISPLAY	N/A	L	м
T3.7.7.2	RECEIVE NOTICE OF TCCC STAND-ALONE MODE	R/VC	TCCC STAND-ALONE MODE	TEXTUAL ATC MAIL	N/A	i	М
73.7.7.3	INFORM SUPERVISOR OF TCCC STAND-ALONE MODE	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	м
73,7,7,4	RECEIVE NOTICE OF ACF BACKUP MODE	R/VC	ACE BACKUP MODE	TEXTUAL ATC MAIL	N/A	L	М
3.7.7.5	REVERT TO ACCC BACKUP PROCEDURES (TBD)	TRD	тво	T8D	ТВО	į.	M
						7 01 27	<u> </u>
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		Task	Information Req	uirements		,	
Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Orit
73.7.7.6	REVERT TO ACCC DEGRADED PROCEDURES (TBD)	TSD	780	780	T90	L	м
13.7.7.7	REVERT TO TOCO STAND-ALONE MODE PROCEDURES (TBD)	T3D	TBO	TBD	T8G	L	м
	(100						
				ļ			
		<u> </u>					
L							

COGNITIVE/SENSORY ATTRIBUTES

This section provides a characterization of High criticality tasks in terms of key cognitive and sensory human attributes involved in the performance of the tasks. These are the human abilities required to perform a task.

Fourteen cognitive and sensory attributes are relevant to the tasks inherent in Air Traffic Control. Definitions of each attribute and ATC examples of each attribute are provided in Section 3.4.2 (Table 3.4-1) of Volume I. The 14 attributes are grouped by type of task, as previously identified in the Task Information kequirements tables of this appendix:

Associated With ENTRY (E) Tasks

Coding

Associated With RECEIPT (R) Tasks

Movement Detection Spatial Scanning Filtering Image/Pattern Recognition Decoding

Associated With ANALYTICAL (A) Tasks

Visualization
Short-Term Memory
Long-Term Memory
Deductive Reasoning
Inductive Reasoning
Mathematical/Probabilistic Reasoning
Prioritizing

Associated With VOICE COMMUNICATION (VC) Tasks

Verbal Filtering

Analytical attributes predominate as key requirements of critical controller tasks, along with message filtering and decoding. The frequency of attribute association with the critical tasks is as follows:

	Locai	Ground	CD/FD	
Coding	38	15	5 Tasks	1
Movement Detection Spatial Scanning Filtering Image/Pattern Recognition Decoding	21 26 55 24 48	9 11 30 7 18	1 Tasks 5 Tasks 11 Tasks 6 Tasks 10 Tasks	

Visualization	42	10	3 Tasks
Short-Term Memory	40	9	3 Tasks
Long-Term Memory	11	1	2 Tasks
Deductive Reasoning	30	5	6 Tasks
Inductive Reasoning	45	15	5 Tasks
Mathematical/Probabilistic Reasoning	27	6	4 Tasks
Prioritizing	18	2	2 Tasks
Verbal Filtering	37	15	6 Tasks

rask Numper	Task Statement	Coding	Movement Detectn Spatial Scanning Filtering 1/P Recognition Decoding	Visualization Garant Term Memory Long Term Memory Deduct Reasoning Induct Reasoning M/P Reasoning Prioritizing Filtering
T1.1.1.9 (1.1.1.10 (1.1.1.10 (1.1.2.1 (1.1.2.2 (1.1.2.3 (1.1.2.4 (1.1.2.10 (1.1.3.1 (1.1.3.3 (1.1.3.5 (1.1.3.5 (1.1.3.6 (1.1.3.10 (1.1.3	VERIFY AIRCRAFT/ VEHICLE IS AT REPORTED POSITION DETERMINE CORRELATION OF EXPECIED/ REPORTED POSITION WITH TARGET REVIEW SITUATION DISPLAY FOR POTENTIAL VIOLATION OF SEPARATION STANDARDS REVIEW FLIGHT DATA DISPLAY FOR PRESENT AND/ OR FUTURE AIRCRAFT SEPARATION SEARCH AIRSPACE/ MOVEMENT AREAS TO ASSESS AIRCRAFT SEPARATION PROJECT MENTALLY AN AIRCRAFT'S FUTURE POSITION/ ALTITUDE/ PATH CETERMINE WHISTHER AIRCRAFT WILL BE SEPARATED BY LESS THAN PRESCRIBED MINIMA DETECT ACCOMMINICAL AND METEOROLOGICAL ALERT CHECT ACCOMMINICAL AND METEOROLOGICAL ALERT CHECT ACCOMMINICAL AND METEOROLOGICAL ALERT CHECT AIRCRAFT/ OF NEW/ CHANGED AIRPORT ENVIRONMENTAL DATA DETECT AIRCRAFT ENVIRONMENTAL DATA ALERT RESTORE AUTOMATIC HANDOFF FOR TRACK(S) RESTORE AUTOMATIC POINTOUT RECEIVE NOTICE OF POTENTIAL AIRCRAFT/ VEHICLE CONFLICT AT THIS POSITION DETERMINE VALIDITY OF AIRCRAFT/ VEHICLE CONFLICT SITUATION DETERMINE VALIDITY OF AIRCRAFT/ VEHICLE CONFLICT NOTICE OR INDICATION DETERMINE APPROPRIATE ACTION TO RESOLVE AIRCRAFT/ VEHICLE CONFLICT INFORM CONTROLLER OF POTENTIAL/ ACTUAL AIRCRAFT/ VEHICLE CONFLICT ISSUE ADVISORY IN REGARD TO AIRCRAFT CONFLICT REVIEW CONFLICT RESOLUTION ADVISORY CHOOSE CONFLICT RESOLUTION ADVISORY CHOOSE CONFLICT RESOLUTION ADVISORY CHOOSE CONFLICT RESOLUTION ADVISORY CHOOSE CONFLICT RESOLUTION ADVISORY CHOOSE CONFLICT RESOLUTION ADVISORY CHOOSE CONFLICT RESOLUTION ADVISORY CHOOSE CONFLICT RESOLUTION ADVISORY CHOOSE CONFLICT RESOLUTION ADVISORY CHOOSE CONFLICT RESOLUTION ADVISORY CHOOSE CONFLICT RESOLUTION OFTION DETECT MAM INDICATION OR ALARM DUTERMINE VALIDITY OF MAM NOTICE OR INDICATION DETECT MAM INDICATION OR ALARM DUTERMINE POTENTIAL LOW ALTITUDE.	C C	M:S.F. D: F: D: F: D: M:S:F: D: D: M:S:F: D: D: D: D: D: D: D: D: D:	V I M V S I M V S I V S

Task Number	Task Statement		 	-	Attr	ibute	s					
		Coding		Movement Detectr Spatial Scanning Filtering	I/P Recognition Decoding	Wenglization	Shrt Term Memory Long Term Memory	Deduct Reasoning Induct Reasoning M/P Reasoning	Prioritizing Filterina	'n		
71.2.2.5	CETERMINE APPROPRIATE ACTION TO RESOLVE LOW ALTITUDE SITUATION					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		I _. M	P			
71.2.2.5	INFORM CONTROLLER OF POTENTIAL MSAN SITUATION	Cļ		[11						
71,2.2.7	ISSUE ADVISORY IN REGARD TO LOW ALTITUDE SITUATION										: :	:
71.2.3.1	CBSERVE POTENTIAL AIRSPACE/ MOVEMENT AREA VIOLATION			MIS F	1	ļ.,	/iS	о м			: 1	
71.2.3.2	DETERMINE APPROPRIATE ACTION TO RESOLVE AIRSPACE/ MOVEMENT AREA VIOLATION					1	/ _· S _·	D M	P:			
71.2.3.3	INFORM CONTROLLER OF POTENTIAL/ ACTUAL AIRSPACE/ MOVEMENT AREA VIOLATION	C.										
71.2.3.4	ISSUE ADVISORY IN REGARD TO AIRSPACE/ MOVEMENT AREA VIOLATION											
~1.2.4.î	CBSERVE AIRCRAFT/ VEHICLE ABNORMALITY DIRECTLY		11	S F	1			D: i		i . i		
~1.2.4.2	DETERMINE NEED FOR ADVISORY/ SAFETY ALERT/ CLEARANCE			! ! ! !		į į	: ;	מ מ	!			
*1.2.4.3	FORMULATE ADVISORY/ SAFETY ALERT CONTENT					ii	S:	1 4	P			
71.2.4.4	ISSUE ADVISORY/ SAFETY ALERT IN REGARD TO UNSAFE AIRCRAFT/ VEHICLE CONDITION											
71.2.4.5	CBSERVE MANEUVER DIRECTLY IN RESPONSE TO ADVISORY/ SAFETY ALERT			^ј Мі ; Е		'		Ii			*	
*1.2.5.1	DETERMINE VALIDITY/ APPROPRIATENESS OF DISPLAY OF AN PLERT/ RESOLUTION ADVISORY							M D	i		: : : i	
T1,3,1,1	PERCEIVE AN ALTITUDE/ ROUTE DEVIATION			SIF		,	/	D				•
T1.3.1.2	RECEIVE NOTICE OF AIRCRAFT/ VEHICLE DEVIATION				וס				i F	. ! :		
ī1 .3 .1.3	DETECT ALTITUDE NONCONFORMANCE INDICATION				I		j !					
71.3.1.4	CBSERVE GROUND TRAFFIC DEVIATION DIRECTLY		i	MISF			s	C.			:	•
F1.3,1.6	ISSUE ADVISORY IN REGARD TO DEVIATION						!			11	. 1	1
71,3,1,9	OBSERVE GROUND TRAFFIC DEVIATION ON ASDE DISPLAY			MSF	lii		/; S	ָם וֹם			. :	
T1.3.1.10	INFORM OTHER CONTROLLER/ SUPERVISOR OF GROUND TRAFFIC DEVIATION	C										
יו.3.1.1	DETECT UNREASONABLE MODE C INDICATION			F	<u> </u> D						: !	
T1,3,1,12	EVALUATE UNREASONABLE MODE C INDICATION FOR ACTION NEEDED			S	1		! !	M		i ; ;	: '	
11.3.1.15	EVALUATE ALTITUDE NONCONFORMANCE INDICATION FOR ACTION NEEDED				I D		y,	1 m				:
T1,3.2.5	ISSUE APPROPRIATE DEPARTURE INFORMATION											1 :
(1.3.2.7	DETERMINE SEQUENCE FOR DEPARTURE AIRCRAFT					; ;	l i V∙S¦L	1	P !			1.
T1 3.2.9	RECEIVE INSTRUCTIONS TO HOLD FOR RELEASE				, G				F			
11,3.2.10	RECEIVE RE EASE FOR DEPARTURE AND AMENDED CLEARANCE AS NECESSARY				0		1;			!	· ·	
71.3.2.11	ISSUE INSTRUCTIONS TO PILOT TO TAXI INTO POSITION AND HOLD											
11.3.2.12	DETERMINE APPROPRIATE INTERVAL/ DISTANCE FOR DEPARTURE						SL	D				: ! :

Tosk Number	Task Statement	<u> </u>	 	<u> </u>	1	At	trib	utes	> >	ਗਟ	,			 _	
		Coding		Movement Detectr Spatial Scamping	Filtering	Decoding		Visualization	Shrt lerm Memory Long Term Memory	Deduct Reasoning Induct Reasoning	M/P Reasoning Prioritizing	Filtering	6.00		
T1.3.2.15 T1.3.2.16 T1.3.2.16 T1.3.2.17 T1.3.2.18 T1.3.2.19 T1.3.2.20 T1.3.2.21 T1.3.2.22 T1.3.2.25 T1.3.2.25 T1.3.2.25 T1.3.2.26 T1.3.3.1 T1.3.3.2 T1.3.3.3 T1.3.3.6 T1.3.3.6 T1.3.3.7 T1.3.3.8 T1.3.3.9 T1.3.3.10 T1.3.3.10 T1.3.3.11 T1.3.3.12 T1.3.3.10 T1.3.3.11 T1.3.3.12 T1.3.3.11 T1.3.3.12 T1.3.3.11 T1.3.3.12 T1.3.3.11 T1.3.3.12 T1.3.3.11 T1.3.3.12 T1.3.3.12 T1.3.3.13 T1.3.3.14	ISSUE AMENDED CLEARANCE ISSUE DEPARTURE INSTRUCTIONS ISSUE ADVISORY IN REGARD TO TRAFFIC/ MAKE TURBULENCE ISSUE TAKEOFF CLEARANCE ISSUE TAKEOFF CLEARANCE ISSUE TAKEOFF CLEARANCE ISSUE TAKEOFF CLEARANCE CANCELLATION CHSERVE ABORTED TAKEOFF RECEIVE NOTICE OF TAKEOFF RECEIVE NOTICE OF TAKEOFF RESERVE TAKEOFF ON SITUATION DISPLAY ISSUE TAKEOFF ON SITUATION DISPLAY ISSUE TAKEOFF ON SITUATION DISPLAY ISSUE TAKEOFF ON SITUATION DISPLAY ISSUE TAKEOFF ON SITUATION DISPLAY ISSUE TAKEOFF ON SITUATION DISPLAY ISSUE TAKEOFF ON SITUATION DISPLAY ISSUE TAKEOFF ON ABORTED TAKEOFF RECEIVE FDE/ FDB OF ARRIVAL AIRCRAFT RECEIVE FDE/ FDB OF ARRIVAL AIRCRAFT RECEIVE PILOT REQUEST FOR LANDING INSTRUCTIONS ENTER FLIGHT PLAN ISSUE INITIAL LANGING INSTRUCTIONS COSERVE DISPLAYS FOR PERTINENT INFORMATION ON ARRIVAL AIRCRAFT RECEIVE PILOT REQUEST FOR CLEARANCE TO LAND CONTACT PILOT TO VERIFY ARRIVAL INTENTIONS DETERMINE SAFENESS FOR LANDING ISSUE CHANGE OF LANDING INSTRUCTIONS ISSUE CHANGE OF LANDING INSTRUCTIONS ISSUE CHANGE OF LANDING INSTRUCTIONS ISSUE CHANGE OF AIRCRAFT EXECUTING LANDING/ OPTION RECEIVE NOTICE OF AIRCRAFT EXECUTING LANDING/ OPTION USSERVE AIRCRAFT EXECUTING LANDING/ OPTION ISSUE GU AROUND RECEIVE NOTICE OF PILOT-INITIATED MISSED APPROACH/ GO AROUND/ TOUCH-AND-GO/ STOP-AND-GO DIRECT PILOT TO CONTACT GROUND CONTROL OBSERVE DISPLAY OF AIRCRAFT EXECUTING LANDING/ OPTION ISSUE AMENDED CLEARANCE FUR LANDING/ OPTION RECEIVE NOTICE OF AN INFRESION INTO AIRSPACE/ MOVEMENT AREA BY NON-CONTROLLED OBJECT	C		M M M M M M M M M M M M M M M M M M M	F F F F F F F F F F F F F F F F F F F			V	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	D	1 The state of the		F		

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	Critical Task Cognitive	T				$\overline{}$
Task Number	Task Statement			Attri	butes	
				Movement Detectricy Spatial Scanning Filtering I/P Recognition Decoding	VI:ualization Shrt Term Memory Long Term Memory Deduct Reasoning Induct Reasoning M/P Reasoning Prioritizing	
		Coding		vement atial Iteriu Reco	Vicualiza Shrt Term Cong Term Codoct Re- Induct Reason M/P Reason Prioritiz	
		S		Spe File	Shring Shring Printer	
T1.3.4.2	CBSERVE DIRECTLY AN AIRSPACE/ MOVEMENT AREA INTRUSION BY NON-CONTROLLED OBJECT					
T1.3.4.3	CBSERVE ON DISPLAY AN INTRUSION INTO AIRSPACE/ MOVEMENT AREA BY NON-CONTROLLED OBJECT			MISIF	Si I	
T1.3.4.4	FORWARD NOTICE OF AN AIRSPACE/ MOVEMENT AREA INTRUSION BY A NON-CONTROLLED OBJECT	c.				
T1.3.4.5	OBSERVE NON-CONTROLLED OBJECT PROGRESS			M: F		
71.3,4.7	ISSUE ADVISORY IN REGARD TO NON-CONTROLLED OBJECT IN AIRSPACE/ MOVEMENT AREA					
71.3.5.3	ISSUE INSTRUCTIONS RESTRICTING AIRCRAFT ACTIVITY IN AFFECTED AIRSPACE/ MOVEMENT AREA					
11.3.6.5	ENTER REMINDER OF TEMPORARY MOVEMENT AREA RELEASE			I F DI		!
T1.3.8.6	DELETE REMINDER OF TEMPORARY MOVEMENT AREA RELEASE			F D _I		.
71.4.2.1	RECEIVE NOTICE OF SPECIAL CONDITION/ EMERGENCY				F F F F F F F F F	
T1.4.2.2	PERCEIVE PRESENCE OF SPECIAL CONDITION/ EMERGENCY AURALLY			FI	0	
T1.4.2.3	FORMARD SPECIAL CONDITION/ EMERGENCY INFORMATION TO SUPERVISOR/ OTHER CONTROLLER	C				
T1.4.2.4	INFORM PILOT/ VEHICLE OPERATOR OF ABNORMAL AIRCRAFT/ VEHICLE CONDITION					
T1.4.2.5	CONDUCT VISUAL/ RADAR IDENTIFICATION OF NORDO/ CVERDUE AIRCRAFT			M:SFI	V D M	
11.4.2.5	SECLARE EMERGENCY AND INVOKE CONTINGENCY PLAN	c		F	V DI P F	: :
T1.4.2.7	RECEIVE SUPERVISOR NOTICE OF EMERGENCY DECLARED AND CONTINGENCY PLAN INVOKED					
11.4.2.8	REVIEW CONTINGENCY CHECKLIST ON STATIC DISPLAY		!	F	L II F	
T1.4.2.9	INFORM DESIGNATED PERSONNEL OF SPECIAL CONDITION/ EMERGENCY	C				
11.4.2.12	DELETED					1.
11.4.2.14	RECEIVE PILOT NOTICE OF EMERGENCY DECLARED			F DI	F	1.
T1.4.5.1	RECEIVE HANDOFF REQUEST			D		
71.4.5.2	DENY HANDOFF	c !				: '
T1.4.5.3	ACCEPT VERBAL HANDOFF/ INITIATE MANUAL TRACK START	ci				1 .
T1.4.5.4	ACCEPT AUTOMATIC HANDOFF	ci				
T1.4.5.5	VERIFY COMMUNICATIONS WITH PILOT ON TRANSFER OF CONTROL					
T1.4.5.6	VERIFY AIRCRAFT ALTITUDE WITH PILOT ON TRANSFER OF CONTROL			D	S CI FI	
r1.4,5.7	DETERMINE RESPONSE TO HANDOFF REQUEST			SFI	VIS O P	
T1,4,6,1	DETECT MANUAL HANDOFF MODE INDICATION			ן ט ן ן ן ן		
⊺1.4.6.2	ISSUE CHANGE OF FREQUENCY TO PILOT				S	
⊺1,4,6.3	INITIATE HANDOFF FUNCTION	C			v si	
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			ing on	
		Coding	Movement Detectri Spatial Scanning Filtering 1/P Recognition Decoding	Visualization Shrt Term Memory Long Term Memory Long Term Memory Deduct Reasoning Induct Reasoning M/P Reasoning Prioritizing
1.4.6.4	OBSERVE AUTOMATIC INITIATION OF HANDOFF		I D	
1.4.6.5	DETECT HANDOFF ALERT INDICATION		SFD	
1,4,6,6	RETRACT HANDOFF	CI		VS
1.4.6.7	RECEIVE HANDOFF REJECTION		F D	
1.4.6.8	RECEIVE HANDOFF ACCEPTANCE		F 0	
1.4.6.9	DISCUSS TRANSFER OF CONTROL WITH OTHER CONTROLLER			IVIS 1.MIP F
1.4.6.11	INITIATE VERBAL HANDOFF			
1.4.7.1	INITIATE POINTOUT	CI		V(S) I.M
1.4.7.2	CBSERVE AUTOMATIC INITIATION OF POINTOUT TO ANOTHER CONTROLLER		S F D	
1.4.7.4	PERCEIVE NO ACTION ON POINTOUT		SIFII	SI OI
1,4.7.5	RECEIVE RESECTION OF POINTOUT		F D	. I I I I I I I I I I I I I I I I I I I
1.4.7.5	RECEIVE ACCEPTANCE OF POINTOUT		Fi Di	F
1,4,7,7	DISCUSS POINTOUT WITH OTHER CONTROLLER			VISI I.M.P F
1.4.8.1	RECEIVE POINTOUT		F D	F
1.4.8.2	ACCEPT POINTOUT	C		VIS
1.4.8.3	ACCEPT VERBAL POINTOUT/ START TRACK	c		VS
Γ1.4.3.4	DENY POINTOUT	C		P
71.4.8.5	DETERMINE RESPONSE TO POINTOUT		S I	V S, D P
11.4.9.1	APPROVE CLEARANCE REQUEST	C		
71.4.9.2	FORMULATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS			VSL I P
71.4.9.3	CENY CLEARANCE REQUEST	c		
11.4.9.4	ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT			
11.4.9.5	ISSUE CLEARANCE THROUGH FSS/ ACF/ OTHER PILOT FOR RELAY TO PILOT	c		
1.4.9.5	VERIFY AIRCRAFT COMPLIANCE WITH CLEARANCE		im I	VIS; D M
T1.4.9.7	QUERY PILOT REGARDING COMPLIANCE WITH CLEARANCE			
T1.4.9.8	SUGGEST ALTERNATIVES TO CLEARANCE REQUEST FROM CONTROLLER	C		VS I MP
†1.4.9.9	SUGGEST CLEARANCE ALTERNATIVES TO PILOT			V S I M P
T1.5.1.2	RECEIVE WEATHER ADVISORY FROM ANOTHER CONTROLLER/ SUPERVISOR		F D	F
T1.5.1.3	OBSERVE SIGNIFICANT AERONAUTICAL AND METEOROLOGICAL DATA		0,	
T1.5.1.4	RECEIVE PIREP ON WEATHER			
11.5.1.6	OBSERVE WEATHER AREA/ INTENSITY/ CEILING/ BASE/ HEIGHT/ MOVEMENT/ VISIBILITY/ WINDS		MSFID	
T1.5.1.7	GETERMINE WHETHER ANOTHER CONTROLLER OR PILOT NEEDS WEATHER ADVISORY			

Task Number	Task Statement	<u> </u>	Attril	cutes
		Coding	Movement Detectr Spatial Scanning Filtering 1/P Recognition Decoding	Visualization Surt Term Memory Long Term Memory Deduct Reasoning Induct Reasoning Prioritizing Filtering
T1.5.1.10 T1.5.2.5 T1.5.2.7 T1.5.2.8 T1.5.2.9 T1.5.1.1 T1.5.2.2 T1.5.2.8 T1.5.3.1 T1.5.3.2 T1.6.3.4 T1.7.1.1 T1.7.2.2 T1.7.3.5 T1.7.3.5 T1.7.3.5 T1.7.3.6 T1.7.5.7 T1.7.5.8 T1.7.5.7 T1.7.5.8 T1.7.5.9 T1.7.5.9 T1.7.5.1 T1.7.5.2 T1.7.5.1 T1.7.5.2 T1.7.5.3	FORMARD URGENT PIREP TO OTHER CONTROLLER RECEIVE RUNNAY CONDITION DATA FORMARD RUNNAY CONDITION DATA CETERMINE WHETHER RUNNAY CONDITIONS HAVE CHANGED DETERMINE WHETHER CONTROL ZONE IS IFRY VFR SRIEF RELIEVING CONTROLLER RECEIVE CONTROLLER RELIEF BRIEFING REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER DETERMINE IMPENDING CONTROLLER GVERLOAD INFORM SUPERVISOR OF POTENTIAL GVERLOAD CONDITION REQUEST ASSISTANCE OR RELIEF DETECT NON-ACCEPTANCE OF INPUT DATA DETECT NON-ACCEPTANCE OF INPUT DATA DETECT OCCURRENCE OF TOC FAILURE PERMARD NOTICE OF EQUIPMENT STATUS RECEIVE NOTICE OF TOCO FAILURE DETECT OCCURRENCE OF TOCO FAILURE REVERT TO TOCO BACKUP PROCEDURES (TBD) VERIFY COMPUTER ACTION DURING TRANSITION STAGES RELEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES DETECT COMMUNICATION FAILURE SHITCH TO BACKUP RADIO/ FREQUENCY ACCUST COMMUNICATION FAILURE SHITCH TO BACKUP RADIO/ FREQUENCY ACCUST COMMUNICATION PATH TO ACCOMMODATE FAILURE/ OVERLOAD FORWARD NOTICE OF COMMUNICATION STATUS FORWARD NOTICE OF COMMUNICATION PATH DETECT SENSOR/ TRACKING FAILURE REVERT TO NON-RADAR PROCEDURES OBSERVE FAILURE OF AIRPORT EQUIPMENT DETECT TOCO STAND-ALONE MODE INDICATOR RECEIVE NOTICE OF TOCO STAND-ALONE MODE INFORM SUPERVISOR OF TOCO STAND-ALONE MODE INFORM SUPERVISOR OF TOCO STAND-ALONE MODE	c: c: c: c: c: c: c: c: c: c: c: c: c: c	SiF 0;	F

⊐sk Number	Task Statement Attributes								
		Coding	Movement Detectn Spatial Scanning Filtering 1/P Recognition Decoding Visualization Shrt Term Memory Long Term Memory Long Term Memory Deduct Reasoning M/P Reasoning Prioritizing Filtering						
72.1.1.2	OBSERVE AIRCRAFT/ VEHICLE AT REPORTED POSITION		S.F.I. V.S.						
2.1.1.4	VERIFY AIRCRAFT/VEHICLE IDENTIFICATION								
r2.1.1.5	OBSERVE AIRCRAFT/ VEHICLE PROGRESS THROUGH MOVEMENT AREA		M:SIFI VIS						
T2.1.1.9	OBSERVE ASDE FOR AJRCRAFT/ VEHICLE PROGRESS THROUGH MOVEMENT AREA			1 1 1					
T2.1.2.1	CETERMINE IF POTENTIAL AIRCRAFT/ VEHICLE CONFLICT EXISTS								
~2.1.3.5	DETECT EQUIPMENT STATUS ALERY		F DI	1					
72,1,3.8	DETECT AERONAUTICAL AND METEGROLOGICAL ALERT		F Di						
T2.1.3.9	CETECT AIRPORT ENVIRONMENTAL DATA ALERT		F Di						
T2.2.2.1	OBSERVE GROUND TRAFFIC DEVIATION DIRECTLY		M SIFII VSI D						
T2.2.2.2 T2.2.2.3	RECEIVE NOTICE OF GROUND TRAFFIC DEVIATION INFORM OTHER CONTROLLER/ SUPERVISOR OF GROUND TRAFFIC SEVIATION	c							
T2.2.2.7	DETERMINE APPROPRIATE ACTION IN RESPONSE TO GROUND TRAFFIC DEVIATION		V I'MIP	· ·					
12.2.2.8	OBSERVE GROUND TRAFFIC DEVIATION ON ASDE DISPLAY		MISIFII						
T2.2.2.9	ISSUE INSTRUCTIONS TO RECOVER FROM GROUND TRAFFIC SEVIATION								
72.2.2.12	INFORM OTHER GROUND TRAFFIC OF GROUND TRAFFIC DEVIATION								
72.2.3.8	INFORM PILOT OF CURRENT ATIS (WIND/ ALTIMETER/ RUMWAY IN USE)								
T2.2.5.3	ISSUE INSTRUCTION TO HOLD SHORT OF ACTIVE RUNWAY								
T2.2.5.9	ISSUE APPROVAL/ INSTRUCTIONS FOR GROUND MOVEMENT								
T2.2.5.11	ENTER REMINDER OF TEMPORARY MOVEMENT AREA RELEASE								
T2.2.5.12	DETERMINE GROUND MOVEMENT COMPLETED		SF	:					
T2.2.5.14	CELETE REMINDER OF TEMPORARY MOVEMENT AREA RELEASE								
T2.2.7.1	RECEIVE NOTICE OF RUNWAY/ TAXIWAY USAGE CHANGE								
™2.2.7.2	OBSERVE DISPLAY OF RUMMAY/ TAXIWAY USAGE CHANGE								
T2.2.8.1	OBSERVE DIRECTLY A MOVEMENT AREA INTRUSION BY NON-CONTROLLED OBJECT								
12.2.8.2	RECEIVE NOTICE OF MOVEMENT AREA INTRUSION BY NON-CONTROLLED OBJECT								
T2.2.8.3	INFORM OTHER CONTROLLER/ SUPERVISOR/ TRAFFIL OF MOVEMENT AREA INTRUSION BY NON-CONTROLLED OBJECT	С							
T2.2.8.4	CBSERVE NON-CONTRULLED OBJECT PROGRESS THROUGH MOVEMENT AREA								
Ť2.2.8.5	OBSERVE NON-CONTROLLED OBJECT ON ASDE DISPLAY								
T2.2.8.6	RECEIVE REPORT UPDATE OF NON-CONTROLLED OBJECT MOVEMENT								

TOSE STATEMENT TOSE STATEMENT	
NCM-CCNTROLLED OBJECT 72.3.2.1 RECEIVE NUTICE OF SPECIAL CONDITION/ EMERGENCY 72.3.2.2 OBSERVE AIRCRAFT/ VEHICLE ABNORMALITY DIRECTLY 72.3.2.3 PERCEIVE PRESENCE OF SPECIAL CONDITION/ EMERGENCY AUAUALLY 72.3.2.4 FORWARD SPECIAL CONDITION/ EMERGENCY INFORMATION TO CONDITION/ EMERGENCY INFORMATION TO CONDITION/ EMERGENCY INFORMATION TO CONDITION/ EMERGENCY PLAN INVOKED 72.3.2.5 DECLARE EMERGENCY AND INVOKE CONTINGENCY PLAN CONTINGENCY PLAN CONTINGENCY PLAN INVOKED 72.3.2.6 RECEIVE SUPERVISOR NOTICE OF EMERGENCY DECLARED AND CONTINGENCY PLAN INVOKED 72.3.2.7 ISSUE INSTRUCTIONS TO HOLD/ RERM GROWN INAFFIC CLEAR OF SPECIAL CONDITION/ EMERGENCY 72.3.2.8 INFORM PILOT/ VEHICLE OPERATOR OF ABNORMAL AIRCRAFT/ VEHICLE CONDITION 72.3.2.9 ISSUE TAXI INSTRUCTIONS TO SPECIAL CONDITION/ EMERGENCY AIRCRAFT 72.3.2.12 ISSUE INSTRUCTIONS FOR REQUIRED DEPLOYMENT OF CONTINGENCY EQUIPMENT 72.3.2.13 REVIEW CONTINGENCY CHECKLIST ON STATIC DISPLAY 72.3.2.15 REVIEW CONTINGENCY CHECKLIST ON STATIC DISPLAY 72.3.2.16 INFORM SESIONATED PERSONNEL OF SPECIAL CONDITION/ ENERGENCY 72.4.1.3 RECEIVE PIREP ON MEATHER 72.4.1.4 OBSERVE MEATHER AREA/ INTENSITY/ CEILING/ BASE/ HEIGHT/ MOVEMENT/ VISIBILITY/ MINDS 72.4.1.5 RECEIVE MEATHER ADVISORY FROM ANOTHER CONTROLLER/ SUPERVISOR 72.4.1.5 OBSERVE SIGNIFICANT AERCNAUTICAL AND METEOROLOGICAL DATA	
DETERMINE ADVISORY T2.4.2.1 FORWARD RUMWAY CONDITION DATA T2.4.2.5 RECEIVE RUMWAY CONDITION DATA T2.5.1.1 BRIEF RELIEVING CONTROLLER T2.5.2.2 RECEIVE CONTROLLER RELIEF BRIEFING T2.5.2.8 REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER T2.5.3.1 DETERMINE IMPENDING CONTROLLER OVERLOAD T2.5.3.2 INFORM SUPERVISOR OF POTENTIAL OVERLOAD CONDITION T2.5.3.4 REQUEST ASSISTANCE OR RELIEF T2.6.1.1 DETECT NON-ACCEPTANCE OF INPUT DATA T2.6.2.2 DETECT OCCURRENCE OF TPC FAILURE T2.6.2.3 FORWARD NOTICE OF EQUIPMENT STATUS C	

Tosk Number	Tosk Stalement		Attri	ibutes
		Coding	Movement Detectur Spatial Scanning Filtering I/P Recognition Gecoding	Visualization Shrt Term Merory Long Term Merory Deduct Reasoning Induct Reasoning M/P Reasoning Prioritizing
T2.6.3.1 T2.6.3.2 T2.6.3.4 T2.6.3.5 T2.6.4.1 T2.6.4.3 T2.6.4.7 T2.6.4.9	RECEIVE NOTICE OF TCCC FAILURE DETECT OCCURRENCE OF TCCC FAILURE REVERT TO TCCC BACKUP PROCEDURES (TBD) VERIFY COMPUTER ACTION UNRING TRANSITION STAGES RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES CETECT COMMUNICATION FAILURE SHITCH TO BACKUP RADIO/ FREQUENCY FORWARD NOTICE OF COMMUNICATION STATUS FORWARD NEW FREQUENCY ASSIGNMENT FORWARD ALTERNATE COMMUNICATION PATH			

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ask Number	Task Statement	Coaing	Movement Detection Spatial Scanning Filtering 1/P Recognition Decoding	Visualization Shot Term Memory Long Term Memory Deduct Reasoning Induct Reasoning M/P Reasoning Prioritizing Flitering
3.1.1.1 3.1.1.2 3.1.1.3 3.2.1.2 3.2.1.2 3.2.3.3 3.2.1.3 3.3.1.3 13.3.1.6 13.3.1.6 13.3.1.6 13.3.4.7 13.3.4.6 13.3.4.6 13.3.4.6 13.3.4.1 13.3.6.2.2 13.6.2.2 13.6.2.3 13.7.3.1 13.7.3.2 13.7.3.2 13.7.3.3 13.7.3.4 13.7.3.5	CETECT AERONAUTICAL AND METECROLUGICAL ALERT DETECT AIRPORT ENVIRONMENTAL DATA ALERT DETECT AIRPORT ENVIRONMENTAL DATA ALERT DETECT EQUIPMENT STATUS ALERT REVIEW FLIGHT PLAN FOR COMPLETENESS CBSERVE FULL FLIGHT PLAN READOUT DESERVE FOR FOR PRESENCE OF POR/ PDAR AND/ OR REMARKS FORMULATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT PRIETY PILOT HAS CURRENT ATIS RECEIVE NOTICE OF SPECIAL CONDITION/ EMERGENCY DESERVE AIRCRAFT/ VEHICLE ABNORMALITY DIRECTLY PERCEIVE PRESENCE OF SPECIAL CONDITION/ EMERGENCY AURALLY COMMAND SPECIAL CONDITION/ EMERGENCY INFORMATION TO DUPERVISOR/ ANOTHER CONTROLLER INFORM PILOT/ VEHICLE OPERATOR OF ABNORMAL AIRCRAFT/ VEHICLE CONDITION REVIEW CONTINGENCY CHECKLIST ON STATIC DISPLAY CBSERVE NEW/CHANGED ENTRY IN TRAFFIC MANAGEMENT ADVISORY LIST REVIEW ATIS RECORDING UPDATE ATIS RECORDING BRIEF RELIEVING CONTROLLER RECEIVE CONTROLLER RELIEF BRIEFING REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ MEATHER REQUEST ASSISTANCE OR RELIEF DETECT NON-ACCEPTANCE OF INPUT DATA DETECT OCCURRENCE OF TPC FAILURE FORMARD NOTICE OF EQUIPMENT STATUS RECEIVE NOTICE OF TOCC FAILURE DETECT OCCURRENCE OF TCCC FAILURE REVERT TO TCCC BACKUP PROCEDURES (TBD) VERIFY COMPUTER ACTION DURING TRANSITION STAGES RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES	6 6 6	F	

PERFORMANCE REQUIREMENTS

The HIGH criticality controller tasks identified in the Task Information Requirements tables require expeditious and accurate performance for effective control of aircraft. Particularly important performance characteristics for these tasks are identified in this section. An entry in the accompanying Task Performance Criteria table for a task indicates a performance criterion that is considered important to effective task accomplishment.

Different performance criteria apply to different task types. Refer to Section 3.4.3 (Table 3.4-2) of Volume I for the definitions and ATC examples of each performance criterion. The criteria that can apply to each task type are as follows:

Associated With ENTRY (E) Tasks

Accuracy of Receipt Implementation Time

Associated With RECEIPT (R) Tasks

Accuracy of Receipt Recognition Time

Associated With ANALYTICAL (A) Tasks

Planning Time
Accuracy of Time Estimates
Accuracy of Spatial Estimates
Accuracy of Probability Estimates
Appropriateness of Action
Appropriateness of Timing

Associated With VOICE COORDINATION (VC) Tasks

Implementation Time Accuracy of Communication

Accuracy of verbal communications is the predominant performance criterion for these critical tasks. Accuracy of information entry and receipt via workstation displays, along with recognition time for system information, also are frequently associated with these tasks. For analytical tasks, the predominant performance criteria are the accuracies of estimates of spatial matters and of situation probabilities. The frequency of performance criteria association with the critical tasks is as follows:

	Local	Ground	CD/FD
Accuracy of Entry	27	13	3 Tasks
Implementation Time	17	9	3 Tasks

Accuracy of Receipt Recognition Time	46 38	28 11	15 8	Tasks Tasks	
Planning Time Accuracy of Time Estimates Accuracy of Spatial Estimates Accuracy of Probability Estimates Appropriateness of Action Appropriateness of Timing	27 17 37 42 26 18	4 6 10 13 1 2	4 1 1 3 3 1	Tasks Tasks Tasks Tasks Tasks Tasks	
Implementation Time Accuracy of Communication	39 81	16 35	5 10	Tasks Tasks	

Task Number	Task Statement		Crite		
		Entry Accuracy Implementn Time	Receipt Accuracy Recognition lime	Planning Time Time Est Accurcy Space Est Accrcy Prob Est Accurcy Action Approprise	Implementn Time Commun Accuracy
T1 1.1.9 T1.1.1.10 T1.1.2.1 T1.1.2.2 T1.1.2.3	VERIFY AIRCRAFT/ VEHICLE IS AT REPORTED POSITION CETERMINE CORRELATION OF EXPECTED/ REPORTED POSITION WITH TARGET REVIEW SITUATION DISPLAY FOR POTENTIAL VIOLATION OF SEPARATION STANDARDS REVIEW FLIGHT DATA DISPLAY FOR PRESENT AND/ OR FUTURE AIRCRAFT SEPARATION SEARCH AIRSPACE/ MOVEMENT AREAS TO ASSESS AIRCRAFT SEPARATION	A	AI	S, P	
71.1.2.4 71.1.2.10 71.1.3.1 71.1.3.3	PROJECT MENTALLY AN AIRCRAFT'S FUTURE POSITION/ ALTITUDE/ PATH DETERMINE WHETHER AIRCRAFT WILL BE SEPARATED BY LESS THAN PRESCRIBED MINIMA DETECT EQUIPMENT STATUS ALERT DETECT AERONAUTICAL AND METEOROLOGICAL ALERT		R1	PT S	
71.1.3.5 71.1.3.6 71.1.3.10	CESERVE DISPLAY OF NEW/ CHANGED AERONAUTICAL AND METEOROLOGICAL DATA CESCRVE DISPLAY OF NEW/ CHANGED AIRPORT ENVIRONMENTAL DATA CETECT AIRPORT ENVIRONMENTAL DAYA ALERT				
71.1.4.15 71.1.4.17 71.2.1.1	RESTORE AUTOMATIC HANDOFF FOR TRACK(S) RESTORE AUTOMATIC POINTOUT RECEIVE NOTICE OF POIENTIAL AIRCRAFT/ VEHICLE CONFLICT AT THIS POSITION	A	A		A
T1.2.1.2 T1.2.1.3 T1.2.1.4	DETECT AIRCRAFT CONFLICT ALERT INDICATION OBSERVE POTENTIAL AIRCRAFT/ VEHICLE CONFLICT SITUATION DETERMINE VALIDITY OF AIRCRAFT/ VEHICLE CONFLICT NOTICE OR INDICATION		A;R	S P	
71.2.1.6	DETERMINE APPROPRIATE ACTION TO RESCLVE AIRCRAFT/ VEHICLE CONFLICT SITUATION INFORM CONTROLLER OF POTENTIAL/ ACTUAL AIRCRAFT/ VEHICLE CONFLICT	I		PITISIPIAIT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
T1.2.1.7 T1.2.1.9 T1.2.1.10 T1.2.1.11	ISSUE ADVISORY IN REGARD TO AIRCRAFT CONFLICT REVIEW CONFLICT RESOLUTION ADVISORY CHOUSE CONFLICT RESOLUTION OPTION DETECT AIRCRAFT MANEUVER IN RESPONSE TO ADVISORY/		A	PISIPI	
T1.2.2.1 T1.2.2.2 T1.2.2.3 T1.2.2.6	RECEIVE CONTROLLER NOTICE OF POTENTIAL LOW ALTITUDE SITUATION AT THIS POSITION DETECT MSAW INDICATION OR ALARM DETERMINE POTENTIAL LOW ALTITUDE SITUATION DETERMINE VALIDITY OF MSAW NOTICE OR INDICATION		AI R		A
	DO1/1-3-A/A1-X/-0)/(V()) #5)				

osk Number	Task Statement			teria	
		fntry Accuracy Implementn Time	Receipt Accuracy Recognition Time	Planning Time Time Est Accurcy Space Est Accrcy Prob Est Accurcy Action Appropriss	Jmplementn Time Commun Accuracy
1.2.2.5	DETERMINE APPROPRIATE ACTION TO RESOLVE LOW ALTITUDE SITUATION			PITISIPIAIT	
1.2.2.6	INFORM CONTROLLER OF POTENTIAL MSAW SITUATION	A			
1.2.2.7	ISSUE ADVISORY IN REGARD TO LOW ALTITUDE SITUATION				I A
1.2.3.1	OBSERVE POTENTIAL AIRSPACE/ MOVEMENT AREA VIOLATION			S P	
1.2.3.2	CETERMINE APPROPRIATE ACTION TO RESOLVE AIRSPACE/ MOVEMENT AREA VICLATION			PIT SIP A.T	
1.2.3.3	INFORM CONTROLLER OF POTENTIAL/ ACTUAL AIRSPACE/ MOVEMENT AREA VIOLATION	AI			A-
1,2,3,4	ISSUE ADVISORY IN REGARD TO AIRSPACE/ MOVEMENT AREA VIGLATION				I:A:
1.2,0.1	SBSERVE AIRCRAFT/ VEHICLE ABNORMALITY DIRECTLY		A	Pi T	
1,2,4,2	DETERMINE NEED FOR ADVISORY/ SAFETY ALERT/ CLEARANCE			P T S PI T	
1.2.4.3	FORMULATE ADVISORY/ SAFETY ALERY CONTENT			P A T	
1.2.4.4	ISSUE ADVISORY/ SAFETY ALERT IN REGARD TO UNSAFE AIRCRAFT/ VEHICLE CONDITION				I A
1.2.4.5	SECENCE MANGUVER DIRECTLY IN RESPONSE TO ADVISORY/ SAFETY ALERT			Si	
11.2.5.1	DETERMINE VALIDITY/ APPROPRIATENESS OF DISPLAY OF AN ALERI/ RESOLUTION ADVISORY			P.	
1.3,1.1	PERCEIVE AN ALTITUDE/ ROUTE DEVIATION		AIR	1.S.P!	
1.3,1.2	RECEIVE NOTICE OF AIRCRAFT/ VEHICLE DEVIATION				A
11.3,1.3	DETECT ALTITUDE NONCONFORMANCE INDICATION		RI		
1,3,1,4	CBSERVE GROUND TRAFFIC DEVIATION DIRECTLY		A R	l	
11.3.1.6	ISSUE ADVISORY IN REGARD TO DEVIATION				IA
T1.3.1.9	CBSERVE GROUND TRAFFIC DEVIATION ON ASDE DISPLAY			Sı	
11.3,1.10	INFORM OTHER CONTROLLER/ SUPERVISOR OF GROUND TRAFFIC DEVIATION	A			A
11.3,1,11	DETECT UNREASONABLE MODE C INDICATION		R		
T1.3,1.12	EVALUATE UNREASONABLE MODE C INDICATION FOR ACTION NEEDED			SIP AI	
11.3,1.13	EVALUATE ALTITUDE NONCOMFORMANCE INDICATION FOR ACTION NEEDED			S P	
11.3,2.5	ISSUE APPROPRIATE DEPARTURE INFORMATION				A ₁ .
11.3.2.7	DEVERMINE SEQUENCE FOR DEPARTURE AIRCRAFT				
11.3,2.9	RECEIVE INSTRUCTIONS TO HOLD FOR RELEASE				A
11.3.2.10	RECEIVE RELEASE FOR DEPARTURE AND AMENDED CLEARANCE AS NECESSARY				A
F1.3.2.11	19SUL INSTRUCTIONS TO PILOT TO TAXI INTO POSITION AND HOLD				A
11.3.2.12	DETERMINE APPROPRIATE INTERVAL/ DISTANCE FUR DEPARTURE				

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Task Number	Task Statement	<u> </u>			Criter		
		Entry Accuracy Implementn Time	-	Receipt Accuracy Recognition Time		Planning Time Time Est Accurcy Space Est Accurcy Prob Est Accurcy Action Approprise Timing Approprise	Implementa Time Commun Accuracy
T1.3.2.13 T1.3.2.14 T1.3.2.15 T1.3.2.16 T1.3.2.17 T1.3.2.18 T1.3.2.19 T1.3.2.20 T1.3.2.21 T1.3.2.22 T1.3.2.25 T1.3.2.25 T1.3.2.25 T1.3.3.3 T1.3.3.1 T1.3.3.5 I1.3.3.6 T1.3.3.7 T1.3.3.7 T1.3.3.10 T1.3.3.11 T1.3.3.15 T1.3.3.10 T1.3.3.11 T1.3.3.11 T1.3.3.12 T1.3.3.13 T1.3.3.14 T1.3.3.15 T1.3.3.16 T1.3.3.16 T1.3.3.16 T1.3.3.18 T1.3.3.18 T1.3.3.20 T1.3.3.20 T1.3.3.20	ISSUE AMENDED CLEARANCE ISSUE ADVISORY IN RELARD TO TRAFFIC/ MAKE TURBULENCE ISSUE ADVISORY IN RELARD TO TRAFFIC/ MAKE TURBULENCE ISSUE AMENDED TAKEOFF CLEARANCE ISSUE AMENDED TAKEOFF CLEARANCE ISSUE TAKEOFF CLEARANCE CANCELLATION DESERVE ABORTED TAKEOFF RECEIVE NOTICE OF TAKEOFF COSSERVE TAKEOFF ON SITUATION DISPLAY ISSUE TAXI INSTRUCTIONS FORMARD NOTICE OF DEPARTURE DIRECT PILOT TO CONTACT ACF CONTROLLER OBSERVE DISPLAY OF ABORTED TAKEOFF RECEIVE PILOT REQUEST FOR LANDING INSTRUCTIONS ENTER FLISHT PLAN ISSUE INITIAL LANDING INSTRUCTIONS DESERVE DISPLAYS FOR PERTINENT INFORMATION ON ARRIVAL AIRCRAFT RECEIVE PILOT REQUEST FOR CLEARANCE TO LAND CONTACT PILOT TO VERIFY ARRIVAL INTENTIONS DETERMINE SAFENESS FOR LANDING ISSUE CLEARANCE FOR AIRCRAFT TO LAND OR CLEARANCE FOR OPTION RECEIVE NOTICE OF AIRCRAFT EXECUTING LANDING/OPTION OBSERVE AIRCRAFT EXECUTING LANDING/OPTION OBSERVE AIRCRAFT EXECUTING LANDING/OPTION ISSUE GO AROUND RELEIVE NOTICE OF PILOT-INITIATED MISSED APPROACH/OD AROUND/TOUCH-AND-GO/STOP-AND-GO INFORM CONTROLLER OF MISSED APPROACH/OD AROUND/TOUCH-AND-GO/STOP-AND-GO DIRECT PILOT TO CONTACT GROUND CONTROL OBSERVE DISPLAY OF AIRCRAFT EXECUTING LANDING/OPTION ISSUE AMENDED CLEARANCE FOR LANDING/OPTION RECEIVE NOTICE OF AN INTRUSION INTO AIRSPACE/ MOVEMENT APEA BY NON-CONTROLLED OBJECT	A		A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A		P	I A I I A I

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Tosk Number	Task Statement			riterio	
		Entry Accuracy Implementn Time	Receipt Accuracy Recognition Time	Planning Time Time Est Accurcy Space Est Accrcy Prob Est Accrcy Action Approprise Timing Approprise	Implemento Time Commun Accuracy
T1.3.4.2 T1.3.4.3 T1.3.4.4 T1.3.4.5 T1.3.5.5 T1.3.5.5 T1.3.5.6 T1.4.2.1 T1.4.2.2 T1.4.2.3 T1.4.2.5 T1.4.2.7 T1.4.2.9 T1.4.2.9 T1.4.2.12 T1.4.2.12 T1.4.2.12 T1.4.2.12 T1.4.2.12 T1.4.2.13	CBSERVE DIRECTLY AN AIRSPACE/ MOVEMENT AREA INTRUSION BY NGN-CCNTROLLED OBJECT OBSERVE ON DISPLAY AN INTRUSION INTO AIRSPACE/ MOVEMENT AREA BY NGN-CCNTROLLED OBJECT FORWARD NOTICE OF AN AIRSPACE/ MOVEMENT AREA INTRUSION BY A NGN-CONTROLLED OBJECT OBSERVE NGN-CCNTROLLED OBJECT PROGRESS ISSUE ADVISORY IN RESARD TO NGN-CONTROLLED OBJECT IN AIRSPACE/ MOVEMENT AREA ISSUE INSTRUCTIONS RESTRICTING AIRCRAFT ACTIVITY IN AFFECTED AIRSPACE/ MOVEMENT AREA ENTER REMINDER OF TEMPORARY MOVEMENT AREA RELEASE CELETE REMINDER OF TEMPORARY MOVEMENT AREA RELEASE RECEIVE NOTICE OF SPLCIAL CONDITION/ EMERGENCY AURALLY FORWARD SPECIAL CONDITION/ EMERGENCY INFORMATION TO SUPERVISOR/ OTHER CONTROLLER INFORM PILOT/ VEHICLE OPERATOR OF ABNORMAL AIRCRAFT/ VEHICLE CONDITION CONDUCT VISUAL/ RAGAR IDENTIFICATION OF NORDO/ OVERDUE AIRCRAFT DECLARE EMERGENCY AND INVOKE CONTINGENCY PLAN RECEIVE SUPERVISOR NUTICE OF EMERGENCY DECLARED AND CONTINGENCY PLAN INVOKED REVIEW CONTINGENCY CHECKLIST ON STATIC DISPLAY INFORM DESIGNATED PERSONNEL OF SPECIAL CONDITION/ EMERGENCY DELETED RECEIVE PILOT NOTICE OF EMERGENCY DECLARED RECEIVE HANDOFF REQUEST SENY HANDOFF ACCEPT VERBAL HANDOFF/ INITIATE MANUAL TRACK START	Entry Accu	Receipt Ac Receipt Ac Receipt Ac Recognition	Planing T Time Est A Space Est A Space Est A A A A A A A A A A A A A A A A A A A	I Ai I Ai I Ai I Ai I Ai I Ai I Ai I Ai
71.4.5.4 11.4.5.5	ACCEPT AUTOMATIC HANDOFF VERIFY COMMUNICATIONS WITH PILOT ON TRANSFER OF CONTROL	1			A
71.4.5.6 71.4.5.7 71.4.6.1 11.4.6.2 71.4.6.3	VERIFY AIRCRAFT ALTITUDE WITH PILOT ON TRANSFER OF CONTROL DETERMINE RESPONSE TO HANDOFF REQUEST DETECT MANUAL HANDOFF MODE INDICATION ISSUE CHANGE OF FREQUENCY TO PILOT INSTIATE HANDOFF FUNCTION	I	R R	A A A A A A A A A A	A

Task Number	Task Statement			Crite			
		Entry Accuracy Implementn Time	Receipt Accuracy Recognition Time		Planning Time Time Est Accurcy Space Est Accucy Prob Est Accurcy Action Appropriss Timing Appropriss	Implementn Time Commun Accuracy	
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T2.4.1.4 OBSERVE WEATHER ARFA/ INTENSITY/ CEILING/ BASE/ HEIGHT/ MOVEMENT/ VISIBILITY/ WINDS T2.4.1.5 RECEIVE MEATHER ADVISORY FROM ANOTHER CONTROLLER/ SUPERVISOR T2.4.1.6 OBSERVE SIGNIFICANT AERONAUTICAL AND METEOROLOGICAL DATA T2.4.1.8 DETERMINE WHETHER ANOTHER CONTROLLER OR PILOT NEEDS WEATHER ADVISORY T2.4.2.1 FORWARD RUNNAY CONDITION DATA T2.4.2.5 RECEIVE RUNNAY CONDITION DATA T2.5.1.1 BRIEF RELIEVING CONTROLLER T2.5.2.2 RECEIVE CONTROLLER BRIEFING T2.5.2.8 REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER T2.5.3.1 DETERMINE IMPENDING CONTROLLER OVERLOAD T2.5.3.2 INFORM SUPERVISOR OF POTENTIAL OVERLOAD CONDITION T2.5.3.4 REQUEST ASSISTANCE OR RELIEF T2.6.1.1 DETECT NON-ACCEPTANCE OF INPUT DATA T2.6.2.2 DETECT OCCURRENCE OF TPC FAILURE	T2.3.2.16		ALI			LA
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T2.4.2.5 RECEIVE RUMMAY CONDITION DATA T2.5.1.1 BRIEF RELIEVING CONTROLLER T2.5.2.2 RECEIVE CCNIROLLER RELIEF BRIEFING T2.5.2.8 REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER T2.5.3.1 DETERMINE IMPENDING CONTROLLER OVERLOAD T2.5.3.2 INFORM SUPERVISOR OF POTENTIAL OVERLOAD CONDITION T2.5.3.4 REQUEST ASSISTANCE OR RELIEF T2.6.1.1 DETECT NON-ACCEPTANCE OF INPUT DATA T2.6.2.2 DETECT OCCURRENCE OF TPC FAILURE	T2.4.1.8				i 'P 1	
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T2.5.3.4 REQUEST ASSISTANCE OR RELIEF T2.6.1.1 DETECT NON-ACCEPTANCE OF INPUT DAYA T2.6.2.2 DETECT OCCURRENCE OF TPC FAILURE	Г2.5.3.1	DETERMINE IMPENDING CONTROLLER OVERLOAD			P T P	
T2.6.1.1 DETECT NON-ACCEPTANCE OF INPUT DATA T2.6.2.2 DETECT OCCURRENCE OF TPC FAILURE	T2.5.3.2	INFORM SUPERVISOR OF POTENTIAL OVERLOAD CONDITION	ı			1
T2.6.2.2 DETECT OCCURRENCE OF TPC FAILURE	12.5.3.4	REQUEST ASSISTANCE OR RELIEF				
	T2.6.1.1	DETECT NON-ACCEPTANCE OF INPUT DATA				
T2.5.2.3 FORWARD NOTICE OF EQUIPMENT STATUS	T2.6.2.2	DETECT OCCURRENCE OF TPC FAILURE				
	T2.6.2.3	FURWARD NOTICE OF EQUIPMENT STATUS	A			A

	Critical Task Perf	ormance c	riteria		
Task Number	01.169.10				
		Entry Accuracy Implementn Time	Receipt Accuracy Recognition Trae	Planning Time Time Est Accurcy Space Est Accrcy Prob Est Accurcy Action Appropriss	Jmple. 'on The Commun Accuracy
T2.6.3.1 T2.6.3.3 T2.6.3.4 T2.6.3.5 T2.6.4.1 T2.6.4.3 T2.6.4.9	RECEIVE NOTICE OF TOCC FAILURE DETECT OCCURRENCE OF TOCC FAILURE REVERT TO TOCC BACKUP PROCEDURES (TBD) VERIFY COMPUTER ACTION DURING TRANSITION STAGES RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES CETECT COMMUNICATION FAILURE SHITCH TO BACKUP RADIO/ FREQUENCY FORWARD NOTICE OF COMMUNICATION STATUS FORWARD NEW FREQUENCY ASSIGNMENT FORWARD ALTERNATE COMMUNICATION PATH				

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Task Number	Task Statement		Crit	.eria	
		Entry Accuracy Implemento Time	Receipt Accuracy Recognition Inc	Planning Time Time Est Accurcy Space Est Accrcy Prob Est Accrcy Action Appropriss	implementn Tima Commun Accuracy
T3.1.1.1 T3.1.1.2 T3.1.1.2 T3.1.1.3 T3.2.1.2 T3.2.3.3 T3.3.1.3 T3.3.1.6 T3.3.1.6 T3.3.1.7 T3.3.1.8 T3.3.4.7 T3.3.4.7 T3.3.4.7 T3.3.4.7 T3.3.4.7 T3.3.4.12 T3.3.4.12 T3.5.1.1 T3.5.1.2 T3.6.1.1 T3.5.1.2 T3.6.1.1 T3.5.1.2 T3.6.1.1 T3.7.2.2 T3.7.3.1 T3.7.3.2 T3.7.3.1 T3.7.3.2 T3.7.3.3 T3.7.3.4 T3.7.3.5	DETECT AERONAUTICAL AND METEOROLOGICAL ALERT DETECT AIRPORT ENVIRONMENTAL DATA ALERT DETECT EQUIPMENT STATUS ALERT REVIEW FLIGHT PLAN FOR COMPLETENESS DESERVE FULL FLIGHT PLAN READOUT CBSCRVE FOR PRESENCE OF PER/ PDAR AND/ OR REMARKS FORMULATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT JERIFY PILOT HAS CURRENT ATTS RECEIVE NOTICE OF SPECIAL CONDITION/ EMERGENCY DESERVE AIRCRAFT/ VEHICLE ABNORMALITY DIRECTLY PERCEIVE PRESENCE OF SPECIAL CONDITION/ EMERGENCY AURALLY FORMARD SPECIAL CONDITION/ EMERGENCY INFORMATION TO SUPERVISOR/ ANOTHER CONTROLLER INFORM PILOT/ VEHICLE OPERATOR OF ADNORMAL AIRCRAFT/ VEHICLE LINDITION REVIEW CONTINGENCY CHELKLIST ON STATIC DISPLAY OBSERVE NEW/CHANGED ENTRY IN TRAFFIC MANAGEMENT AUVISORY LIST REVIEW ATIS RECORDING SPRIEF RELIGIOUS CONTROLLER RECEIVE CONTROLLER RELIEF BRIEFING REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER REQUEST ADSISTANCE OR RELIEF DETECT NON-ACCEPTANCE OF INPUT DATA DETECT OCCURRENCE OF TOC FAILURE FORWARD NOTICL OF EQUIPMENT STATUS RECEIVE NOTICE OF TOCC FAILURE FORWARD NOTICL OF EQUIPMENT STATUS RECEIVE NOTICE OF TOCC FAILURE DET OF OCCURRENCE OF TOCC FAILURE DET OF OCCURRENCE OF TOCC FAILURE REVERT TO TOCC BACKUP PROCEDURES (TBD) VERIFY COMPUTER ACTION DURING TRANSITION STAGES RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES	A I	AI AI AI AI AI AI AI AI AI AI AI AI AI A	P A T	A. A. A. A. A. A. A. A. A. A. A. A. A. A

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APPENDIX E

TASK ELEMENT STATEMENTS

The tables presented in this appendix for the three Tower control positions are actually composites of sub-tables, each of which is devoted to the decomposition of a single controller task. Each sub-table contains an identifying Task Number (from Appendix B), Task Statement (from Appendix B), Task Type (from Appendix D), Coordination Media (from Appendix B), Task Frequency and Criticality (from Appendix D), and four columns of information:

- 1. Element Number
- 2. Task Element Statement
- 3. Object(s)
- 4. Number of Objects

Element Number is an expansion of the Task Number to reflect a logical ordering or likely sequence of the element steps. The element number is unique, although the contents of a given element may be found in more than one task. O (for "Or"), A (for "And"), or A/O (for "And/Or") between elements indicates the end of a sequence of elements comprising such an alternate mode. This convention is needed in particular to denote where two entirely different processes may be employed, as in communication tasks which may be performed either via ATC Mail or by voice over the Tower Communications System (TCS).

A Task Element Statement is presented in the structured form:

Verb – (modifier) – Object – (modifier) – (*descriptive information*)

Verb and Object portions are always present, the other portions being used as needed. Nomenclature for data objects follows the User Interface Language of Appendix C where possible. TCCC data objects are emphasized by underlines preceding and between words of the object name. An asterisk (*) preceding the Task Element verb indicates that the particular element may not always be performed.

Objects is a summation of the specific User Interface Language (Appendix C) data objects cited in the Task Element Statement.

Number of Objects projects how many instances or representations of each UIL data object a controller generally would deal with in performing the Task Element. Again, a generalized facility and time scenario is assumed. The numbers represent normal situations rather than worst-case scenarios or system limits.

For data objects, no general assumption is made. Quantity of objects is assigned on a case-by-case basis to represent a "normal" situation.

NOTE: Due to the extensive revision of the data in this Appendix, black lines (side bars) in the margins to indicate substantive changes (see Foreword) from the original volume have not been used.

		Task Flem	ent Report			
TASK NUMBER / ELEMENT NUMBE						NO. CF OBJECTS
 [1,1,1,1	REQUEST PILOT/ OPERATOR F	POSITION REPORT				
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: 1	MED	CRITICALITY: MED	
T1,1,1,1,1	PERFORM TCS.					
T1,* :.1.2	CCMPARE locat: _Target_Posit: _Situation_Dis _aircraft_posit	on_Symbol on splay to expected/ reported			et_Porition_Symbol ation_ Xisplay	1 1
77.1.1.1.3				Targ	et_Position_Symbol	1
T1,1.1.1.4	COMPARE report	ed iscaton of aircraft to sion of aircraft				
71,1.1.1.5		orted direruft position th ates with location of ion_Symbol		Jar 3	et_Pa-ition_Symbol	1
 T1,1,1,2	RECEIVE POSITION REPORT	RELAYED FROM OTHER CONTROLL	.ER	~~~		
	TASK TYPE: R/VC	COGRO MEDIA: V/M	FREQUENCY:	1.04	CRITICALITY: MED	
T1,1,1,2,1	Communication	Receiving TCS G/G s *position report*				
T1.1.1.2.2	0 PERFORM TOS. *position rep	Receiving ATC Moil				
11.1.1.3	RECEIVE PILOT/ OPERATOR	POSITION REPORT	•••		· · · · · · · · · · · · · · · · · · ·	
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY:	ні	CRITICALITY: MED	
T1,1,1,3,1	PERFORM TCS.	Communicating Via TCS *possition				
T1 1,1.4	FORWARD POSITION REPORT	TO OTHER CONTROLLER			·	
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY:	LOM	CRITICALITY: MED	
T1,1,1,4,1	PERFORM TEM M *positic₁ rep	.2, Senging ATC Mail ರ್ನರ್		··		
11.1.1.4.2		Initioting TCS G/G s *position report*				
T1.1.1.5	SEARCH ASDE FOR SPECIFIC	AIRCRAFT/ VEHICLE LOCATION				
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY:	FCI1	CRITICALITY: MED	
T1.1.1.5.1	Airport Surf	raft/Vehicle Radar Data on ace Detection Equipment Dis iy location of target		Air Air	craft/Vehicle_Radnr_Data pert_Surface_Detection_Equipment_Display	1
11,1,1,5,2	possibly repr	or more ASDE targets esenting location of ncle of interest				

	Tosk	k Element Report		
TASK NUMBER				NO. CF
ELEMENT NUMB			CBJECTS	:08JECT
T1.1.1.5	SEARCH ASDE FOR SPECIFIC AIRCRAFT/ VEHICLE LOCA			
	TASK TYPE: R/A CCORU MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	(Continued)
T1.1.1.5.3	ANALYZE positions of ASDF targets to determine location of direcraft/ yebs of interest			
T1,1.1.5.4	DECIDE which ASDE target represents aircraft/ vehicle of interest			
T1.1.1.6	OBSERVE MOVEMENT AREAS FOR SPECIFIC AIRCRAFT/ N			
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI	CRITICALITY: MED	
T1.1.1.5.1	*SCAN movement area to determine who of several aircraft/ vehicles may be aircraft/ vehicle of interest	n ch		,
T1,1,1,6.2	SEARCH portion of movement area to determine which of several aircraft, venicles is object of interest	/		
T1.1.1.6.3	<pre>'ECCGNIZE aircroft/ vehicle of inter by direct observation of aircroft t markings, etc.</pre>			
⁻ 1.1.1.5.4	DECIDE direcroft/ vehicle of interes abservation of movement, position,			
T1.1.1.7	SEARCH FOR AIRBORNE AJRCRAFT VISUALLY			
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI	CRITICALITY: MED	
T1.1.1.7.1	⊁SCAN tower airspace for aircraft o interest	of		
T1,1,1,7.2	SEARCH portion of tower airspace fo aircraft of interest	or		
11.1.1.7.3	ANALYZE locations and movement of several aircraft in portion of towe airspace to identify aircraft of interest	ir		
T1.1.1.7.4	IDENTIFY circraft of interest among several aircraft in portion of towe airspace			
T1.1.1,B	SEARCH SITUATION DISPLAY FOR TARGET			
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI	CRITICALITY: MED	
T1.1.1.8.1	SEARCH_Target_Position_Symbol and _full_Data_Blocks for aircraft of Interist		Yarget_Position_Symbol Full_Data_Blocks	5 5
T1.1 1.8.2	IDENTIFY larget_Position_Symbol on _Full_Data_Block with _Callsign representing on croft of interest		Target_Position_Symbol Full_Data_Block Callsign	1 1 1
T1.1,1,9	VERTEY ATRIBUTE VEHICLE IS AT REPORTED FOSTE			
	TASK TYPE: A GOORD MEDIA:	FRLQUENCY: HI	CRITICALITY: HI	
T1,1,1,9,1	COMPURE pilot/ operator reported position to carcioft/ vehicle posit determined by controlle.	tion		

	Task Eleme	ent Report	
TASK NUMBER		on rete	NO. CF
ELEMENT NUMB	ER TASK ELEMENT STATEMENTS	08JECTS	09JECTS
Γ1.1.1.9	VERIFY AIRCRAFT/ VEHICLE IS AT REPORTED POSITION		
	TASK TYPE: A COORD MEDIA:	FREQUENCY: HI CRITICALITY: HI (Continued)	
T1.1.1.9.2	DECIDE aircraft/ vehicle is at reported position		
T1.1.1.10	DETERMINE CORRELATION OF EXPECTED/ REPORTED POSITION	WITH TARGET	
	TASK TYPE: A COORD MEDIA:	FREQUENCY: HI CRITICALITY: HI	
T1.7.1.10.1	COMPARE location of _Target_Position_Symbol on _Sitiation_Display to expected/ reported aircraft position	Torget Position_Symbol Sitiation_Display	1
T1.1.1.10.2	DECIDE expected/ reported aircraft position correlates with location of _Target_Position_Symbol	Torget_Position_Symbol	1
71.1.2.1	REVIEW SITUATION DISPLAY FOR POTENTIAL VICLATION OF	SEPARATION STANDARDS	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: MED CRITICALITY: HI	
71.1.2.1.1	ACQUIRE Position_Symbol, _Full_Data_Block, and _Background_Descriptor_on _Situation_Display_for_potential violation_of_separation_standards	Posicion_Symbol Full_Doto_Block Bockground_Descriptor Situation_Display	1
T1.1.2.1.?	SYNTHESIZE altitude, speed, tiem, range and aircraft data into a mental traffic picture with regard to potential violation of aircraft separation standards		
T1.1.2.1.3	RECOGNIZE potential violation of aircraft separation standards		
T1.1.2.1.4	DECIDE whether potential violations of separation standards exist		
T1.1.2.2	REVIEW FLIGHT DATA DISPLAY FOR PRESENT AND/ OR FUTUR	E AIRCRAFT SEPARATION	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: MED CRITICALITY: HI	
T1.1.2.2.1	ACQUIRE emphasized items among _Flight Data Entry in Arrival List, _Deporture_List, ond _Overflight_List for information pertaining to aircraft separation	Flignt Dota Entry Arrivol List Oeporture List Overflight List	32 1 1
T1.1.2.2.2	SYNTHESIZE aircraft, position, route, speed, altitude, traffic management / metering and time informaton into a mental picture of aircraft separation		
T1.1.2.2.3	RECOGNIZE aircraft paths warranting further close monitoring and evaluation		
T1.1.2.2.4	DECIDE oircraft paths warranting further close monitoring and evaluation		
11.1.2.3	SEARCH AIRSPACE/ MOVEMENT AREAS TO ASSESS AIRCRAFT S	SEPARATION	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI CRITICALITY: HI	
T1.1.2.3.1	SCAN airspace directly for aircraft routes of flight A/O		

	Task Fleme	ent Report	
TASK NUMBER /	TASK STATEMENTS / DATA AND R TASK ELEMENT STATEMENTS		NO, OF
ELEMENT NUMBE	R TASK ELEMENT STATEMENTS	08JETS	OBJECTS
T1,1,2,3	SEARCH AIRSPACE/ MOVEMENT AREAS TO ASSESS AIRCRAFT SE		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI CRITICALITY: HI (Continued)	
T1.1.2.3.2	SCAN movement areas directly for routes of ground traffic		
T1.1.2.3.3	IDENTIFY projected travel routes providing adequate travel safety		
F1.1.2.3.4	ANALYZE projected travel paths for potential violation of separation standards		
T1.1.2.3.5	ASSESS projected adequacy of separation		
T1.1.2.4	PROJECT MENTALLY AN AIRCRAFT'S FUTURE POSITION/ ALTI	TUDE/ PATH	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI CRITICALITY: HI	
T1.1.2.4.1	ACQUIRE Situation_Disolay for Position_Symbol, _Full_Data_Block, _Background_Descriptor, and _Weather_Descriptor data to project future postion	Situation_Display	1 1 1 1
T1.1.2.4.2	A/C ACQUIRE _flight_Cota_Entry and _Time on the _flight_Cata_Display *aircraft flight progress*	Flight_Oata_Entry Time Flight_Data_Displey	1 1 1
T1.1.2.4.3	A/O ACQUIRE observed locaton of aircraft to project future position		
71.1.2.4.4	SYNTHESIZE time, location, route, speed, and altitude on specified directf into mental picture of future position, altitude, and/ or path		
T1.1.2.4.5	PROJECT future location, altitude, and/ or path of aircraft, with possible regard to proximity to other aircraft, obstructions, special use airspace, and weather		
T1.1.2.5	READ OUT VERTICAL VELOCITY TO ASSESS POTENTIAL CONFL	TOIL	
	TASK TYPE: E/R COORD MEDIA:	FREQUENCY: LCW CRITICALITY: LOW	
T1.1.2.5.1	INITIATE _Vertical_Velocity_Readout message for the desired aircraft	Vertical_Velocity_Readout	3
11.1.2.5.2	<pre>EXECUTE _Vertical_Velocity_Readout message</pre>	Vertical_Velocity_Readout	1
11.1.2.5.3	EXTRACT rate of climb or descent from _Vertical_Velocity_Readout onSituation_Display	Vertical_Velocity_Readout Situation_Display	1
T1.1.2.6	OBSERVE TRACK VELOCITY/ DISTANCE VECTOR TO PROJECT /	AIRCRAFT MOVEMENT	
	TASK TYPE: E/R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
T1.1.2.6.1	INITIATE _Request_Track_Velocity_Vector message for displayed aircraft	Request_Track_Velocity_Vector	1
T1.1.2.G.2	EXECUTE _Request_Track_Velocity_Vector message 0	Request_Trock_Velocity_Vector	1

	Task Eler	ment Report	
TASK NUMBER / ELEMENT NUMBER	TASK STATEMENTS / DATA AND TASK ELEMENT STATEMENTS	OBJECTS	NO. OF G8JECT
T1.1.2.6 CB	SERVE TRACK VELOCITY/ DISTANCE VECTOR TO PROJECT /	AIRCRAFT MOVEMENT	
	TASK TYPE: F/R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW (Continued)	
11.1,2.6.3	<pre>!NITIATE _Request_Track_Distance_Vector messoge for displayed aircraft</pre>	Request_Track_Distance_Vector	1
11.1.2.6.4	<pre>EXECUTE _Request_Track_Distance_Vector message</pre>	Request_Track_Distance_Vector	1
11.1.2.6.5	DETECT Track Velocity Vector or Track Distance Vector and Vector Type Indicator from	Track_Velocity_Vector Track_Distance_Vector Vector_Type_Indicator	1 1 1
	"Situatīon Dīsplay *results of track Velocity/ ūistance vector message*	Situatīon_Dīsplay	1
T1.1.2.6.6	EXTRACT track velocity or distance information on an aircraft from _Track_Velocity_Vector or _Track_Uistance_Vector on _Situation_Display	Track_Velocity_Vector Track_Distance_Vector Situation_Display	1 1 1
T1.1.2.7 RE	QUEST RANGE/ BEARING/ TIME MESSAGE WITH OPTIONS		
	TASK TYPE: E/R COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
T1.1.2.7.1	INITIATE _Fix/Time_Readout message for information that may assist the assessment of flight situation	Fix/Time_Readout	1
T1.1.2.7.2	EXECUTE _Fix/Time_Readout message	Fix/Time_Reodout	1
11.1,2.7.3	INITIATE Range/Bearing_Readout message for information that may assist the assessment of flight situation	Range/Gearing_Recdout	1
T1.1,2,7,4	EXECUTE _Ronge/Bearing_Reador = message	Range/Bearing_Rendout	1
T1.1.2.7.5	INITIATE _Ronge/Bearing/Fix_Readout message for information that may assist the assessment of flight situation	Range/Bearing/Fix_Readout	1
T1.1.2.7.6	EXECUTE _Range/Bearing/Fix_Readout message	Range/Bearing/Fix_Readout	1
¥1.1.2.7.7	DETECT _fix/Time_Readout, _Runge/Bearing_Readout, or _Range/Bearing/Fix_Readout message on _Situation_Display	Fix/Time_Readout Range/Bearing_Readout Range/Bearing/Fix_Readout Situation_Display	1 1 1
T1.1.2.7.9	EXTRACT range, bearing, and/ or time information from Situation Display *results of range/ bearing/ fix readout messages*	Situation_Display	1
T1.1.2.8 S	UPPRESS CONTINUOUS RANGE READOUT		
-	TASK TYPE: E COOPD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
T1.1.2.8.1		Continuous_Range_Readout	1
T1.1.2.8.2	EXECUTE _Continuous_Ronge_Reodout message	Continuous_Range_Reacout	1

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ELEMENT NUMBE	R TASK ELEMENT STATEMENTS		OBJECTS	08J£CT9
T1.1.2.8	SUPPRESS CONTINUOUS RANGE READOUT			
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW (Continued)	
11,1,2.8.3	RECOGNIZE Continuous Range Readout no longer displayed for laentified aircraft *results of continuous range readout suppression message*	Cont	inuous_Range_Reacout	1
T1.1.2.9	FORCE/ QUICK LOCK FULL DATA BLOCK TO EXAMINE FLIGHT		ON	
	TASK TYPE: E/R/A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T1,1,2,9,1	INITIATE Quick Look message *to display all full data blocks for desired sector*	Quic	:k_Look	1
11.1.2.9.2	EXECUTE _Quick_Look message	Quic	k_Look	1
⊺1.1.2.9.3	DETECT_Full_Dota_Block *nuick look* on _Situation_Display from requested sector_0	Full Situ	_Data_8lock ustion_Display	15 ;
T1,1,2,9,4	INITIATE _Force_Data_Block message *to force a full data plock from adjacent airspace*	Ford	ce_Cata_Block	1
11.1.2.9.5	EXECUTE _Force_Data_Block message	Ford	re_Data_Block	1
T1.1.2.3.6	EXTRACT track information form _Full_Data_Block *quick look or force data_block* on _Situation_Display		l_Oato_Block uation_Oisplay	1
ī1, i, 2, 10	DETERMINE WHETHER AIRCRAFT WILL BE SEPARATED BY LESS		INIMA	
	TASK TYPE: A COORD MEDIA:	FREQUENCY: HI	CRITICALITY: HI	
ri.j.2.10.1	EVALUATE current and projected mental traffic picture to determine potential situations of less than standard separation using time, position, aircraft, and speed information			
11.1.2.10.2	DECIDE whether directft separation is or will be less than minimum			
F1.1.2.11	REQUEST CONTINUOUS RANGE READOUT			***
	TASK TYPE: E/R/A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LCW	
T1,1,2,11,1	INITIATE _Continuous_Range_Readout message for an aircraft	Con	tinuous_Range_Readout	1
F1.1.2.11.2	EXECUTE _Continuous_Range_Readout message	Con	tinuous_Range_Readout	1
T1,1,2,11.3	DETECT _Continuous_Range_Readout on _Situation_Display		tinuous Range_Reabout uation_Display	1 1
T1.1.2.11.4	EXTRACT _Continuous_Range_Readout *miles* from _Situation_Display	Sit	tinuous_Range_Readout uotion_Display	1
T1.1.3.1	DETECT EQUIPMENT STATUS ALERT			
	TASK TYPE: R COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
T1.1.3.1.1	SEARCH _Alert_And_Resolution_Display for signs of equipment outage/ restoration	Ale	rt_And_Resolution_Display	•1

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ELEMENT NUMBE			NENT STATE	MENTS			Of	BJECTS			OBJECTS
T1.1.3.1	DETECT EQUIPM	MENT STA	ATUS ALERT								
	TASK TY	PE: R	(COORD MEDIA:	FREQUENCY:	LOW	 	CRITICALITY: HI	(Continu	ed)	
T1.1.3.1.2	D(ETECT E Alert_Ar	quipment nd_Resolut	Outage_Alert on Lion_Display				ent_Outage_Alert And_Resolution_Di	splay		1 1
71,1,3,1.3				Restoration_Alert on tion_Display				ent_Restorution_A And_Resolution_Di			1
T1.1.3.2	ACKNOWLEDGE I	ENVIRON	MENTAL/ SY	STEM STATUS ALERT							
	TASK TY	PE: E	(COORD MEDIA:	FREQUENCY:	LO	4	CRITICALITY: MED)		
11.1.3.2.1	11	NITIATE	_Acknowle	edge_A&M_Alert message			Acknow	ledge_A&M_Alert			1
ĭ1.1.3.2.2				edge_Equipment_Outage/R *suppress* message			Acknow	/leage_Equipment_C	Outoge/Rest	oration_Alo	er 1
T1.1.3.2.3		XECUTE toratio	Acknowle	dge_Equipment_Outage/Re			Acknow	vledge_Equipment_(Jutage/Rest	oration_Ale	er 1
T1.1.3.2.4		NITIATE essage		size_Updated_Data_Field			Deemph	nasize_Updated_Dat	o_Field		1
71.1.3.2.5		XECUTE lessage	_Deemphas	ize_Updated_Data_Field			Deemph	nasize_Updated_Dot	o_Field		1
T1.1.3.3	DETECT AERCN	JAUT I CAL	AND METE	OROLOGICAL ALERT							
	TASK TY	PE: R		COORD MEDIA:	FREQUENCY:	L.O!	4	CRITICALITY: HI			
T1.1.3.3.1			Alert And A&M info	_Resolution_Display for rmation			Alert_	_And_Resolution_D:	isplay		1
T1.1.3.3.2				cal_And_Meteorological_ nd_Resoultion_Display				outical_And_Meteor_ And_Resoultion_D.		lert	1
T1,1,3,4	OBSERVE DISP	LAY OF	new/ Chan	GED SYSTEM STATUS DATA			~ 				
	TASK TY	νε: R		COORD MEDIA:	FREQUENCY	: LO	W	CRITICALITY: ME	כ		
T1.1.3.4.1				ronmencal_And_Status_Do w/ changed data			System	m_Environmental_A	nd_Status_0	Oato_Displo	y 1
T1.1.3.4.2		System	Environme	atus_Data ən ntal_And_Status_Data_Di changed system status*			System System	m_Status_Data m_Environmental_A	nd_Status_(Oata_Di.spla	1 y 1
T1.1.3.4.3	(irom _S	System_Sta	iged system status data itus_Data on intal_And_Status_Data_Di			System System	m_Stotus_Data m_Environmental_A	nd_Status_(Data_Displa	1 y 1
T1.1.3.5	OBSERVE DISE	LAY OF	NEW/ CHAN	IGED AERONAUTICAL AND ME	TEOROLOGICAL						
	TASK TY	YPE: R		COORD MEDIA:	FREQUENCY	: LO	M	CRITICALITY: HI			
T1.1.3.5.1				ronπental_And_Status_Do w/ changed data	; ;		System	m_Environmental_A	nd_Status_l	Doto_Displo	y 1
Υ1.1. 3 .5.2	(Data on _Data_D;	_System_E isplay *r	cal_And_Meteorological invironmental_And_Status new/ changed eorological data*				outical_And_Meteo m_Environmental_A			1 y 1

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TASK NUMBER /		STATEMENTS AND					NO. CF
ELEMENT NUMBER		FLEMENT ST	ATEMENTS			08JEÇTS	OBJECT
1.1.3.5	CBSERVE DISPLAY (OF NEW/ CH	ANGED AERCNAUTICAL AND MET	EOROLOGICAL			
	TASK TYPE:	R	COORD MEDIA:	FREQUENCY:	LOM	CRITICALITY: 41 (Continued)	
T1.1.3.5.3	Aeror	noutical A	ranged data from und_Meteorological_Data rititical/urgent*		Aer	onautical_And_Meteorological_Data	1
T1,1,3,6 (OBSERVE DISPLAY	OF NEW/ CH	HANGED AIRPORT ENVIRONMENTA	L DATA			
	TASK TYPE:	R	COORD MEDIA:	FREQUENCY:	MED	CRITICALITY: HI	
T1.1.3.6.1	ta_Di		new/ changed		Sys	stem_Environmentol_And_Status_Dato_Displo	y 1
11.1.3.6.2	_Syst	em_Environ	_Environmental_Data on imental_And_Status_Data_Di anged_environmental_data*			port_Environmental_Data stem_Environmental_Ana_Status_Data_Dispay	1
T1.1.3,6.3	_Airp	ort_Enviro	nanged onmental_Data from onmental_And_Status_Dava_D sized if critical/ urgent*			port_Environmental_Data -port_Environmental_And_Status_Data_Displ	1 3y 1
11,1.3,7	RECEIVE NOTICE O	F NEW/ CHA	ANGED SYSTEM ENVIRONMENTAL	AND STATUS	DATA		
	TASK TYPE:	R/VC	COORD MEDIA: V/M	FREQUENCY:	LCW	CRITICALITY: MED	
T1.1.3.7.1	PERFO Commu	RM TCS, F mications	Receiving TCS G/G *new/ changed system and status duta*				
T1.1. 5 .7.2	*new/		1. Receiving ATC Mail system environmental/				
11.1.3.8	ENTER SYSTEM ENV	IRONMENTAL	L AND STATUS DATA CHANGE ME				
	TASK TYPE:	E	COORD MEDIA:	FREQUENCY;	LCM	CRITICALITY: MED	
T1.1.3.8.1	statu		enter change to disployed tem_Environmental_And_Stat y		Sy	stem_Environmental_And_Status_Bata_Displa	y 1
ĭ1.1.3.8.2	INITI messo		em_Status_Data_Change		Sy	stem_Status_Data_Change	1
		-9-					
T1.1.3.8.3	EXECU messo	TE_Syster	m_Status_Daca_Change		Sy	stem_Status_Data_Change	1
T1.1.3.8.3	messo DETEC	TE _System age CT posting tem_Environ	m_Status_Nara_Change of new change data on nmental_And_Status_Data_Di			stem_Status_Data_Change stem_Environmental_And_Status_Data_Displa	
	messo DETEC _Syst splay	TE _Syster age CT posting tem_Enviror y	of new change data on	and status (Sy		
T1.1.3.8.4	messo DETEC _Syst splay	TE Syster age Triposting tem_Environ y F NEW/ CHAN	of new change data on nmental_And_Status_Data_Di	AND STATUS (FREQUENCY:	Sy DATA		
T1.1.3.8.4	TASK TYPE: PERFO	TTE _Syster Orge CT posting tem_Environ y F NEW/ CHAN E/VC ORM TCS, I unicotions	of new change data on nmental_And_Status_Data_Di		Sy DATA	stem_Environmental_And_Status_Data_Displo	

	Task Elem	ent Report	
TASK NUMBER	TASK STATEMENTS / DATA		NO. CF
ELEMENT NUMB	BER TASK ELEMENT STATEMENTS	OBJECTS	OBJECTS
T1.1.3.10		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	TASK TYPE: R COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
T1.1.3.10.1	DETECT _Airport_Environmental_Data onSv*tem_Enviornmental_And_Status_Data_Display *includes aata/ alerts such as RVR, wind shear, surface winds, etc.*	Airport_Environmental_Doto System_Enviornmental_And_Status_Doto_Displo	1 3y 1
T1.1.3.11	OBSERVE SYSTEM STATUS DIRECTLY		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LON CRITICALITY: MED	
T1.1.3.11.1	SCAN airport surface for overall equipment status		
T1.1.3.11.2	O SEARCH airport surface for status of specific equipment item		
71.1.3.11.3	RECOGNIZE failure or damage to equipment on airport surface		
T1.1.4.1	OFFSET A DATA BLOCK		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
T1.T.4.1.1	DECIDE preferred offset for _Dutn_Block on _Situotion_Display	Data_Block Situation_Display	1
T1.1.4.1.2	INDICATE _rlight_Identification	Flight_Identification	1
ĭ1.1.4.1.3	INDICATE _Direction	Direction	1
T1.1.4.1 4	INDICATE _Leader_Length	Leader_Length	1
T1.1.4.1.5	EXECUTE _Manually_Offset_Data_Block message	Manually_Offset_Data_Block	1
T1.1.4.1.6	DETECT movement/ location of _Data_Block on _Situation_Display	Data_Block Situation_Display	1
 Γ1.1.4.2	DELETE FOB/ FOE FROM ATC SYSTEM		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
T1.1.4.2.1	INITIATE _Orop_Flight_Plan message	Orop_Flight_Plan	1
T1.1.4.2.2	EXECUTE _Orop_Flight_Plan message	Drop_Flight_Plon	1
T1.1.4.2.3	RECOGNIZE the removal of appropriate Full Data Block from _Situation_Display and the removal of appropriate _Flight_Data_Display _Flight_Data_Display	Fuli_Doca_Block Situation_Display Flight_Duta_Entry Flight_Dota_Display	1 1 1
T1.1.4.3	ENTER CONTROLLER NOTE		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LON CRITICALITY: LON	
T1.1.4.3.1	INITIATE _Controller_Note message *reminder*	Controller_Note	1
T1.1.4.3.2	EXCUTE _Controller_Note message	Controller_Note	1

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ELEMENT NUMBER	R TASK ELEMENT STATEMENTS	OBJECTS	OBJEC15
1,1,4,3	ENTER CONTROLLER NOTE		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW (Continued)	
1,1,4,3,3	DETECT appearance of controller entered note on _Controller_Notepad_Display	Controller_Notcpad_Display	1
1.1.4.4	DELETE CONTROLLER NOTE	~ 	
	TASK TYPE: E CCCRD MEDIA:	FREQUENCY: LOW CRITICALITY: LCW	
1.1.4.4.1	INITIATE _Controller_Note message to delete information form controller notepad display	Controller_Note	1
1.1.4.4.2	EXECUTE _Controller_Note message	Controller_Note	1
(1,1,4,4,3	RECOGNIZE deletion of appropriate text on _Controller_Notepad_Display	Conuroller_Notepod_Display	1
ĭ1,1,4.5	SUPPRESS DATA BLOCK FROM DISPLAY	•	
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
11,1,4,5,1	INITIATE Suppress Full Data Block message for removal of Full Data Block from aisplay	Suppress_Full_Dato_Block Full_Cato_Block	1
11.1 4.5.2	EXECUTE _Suppress_Full_Data_Block message	Suppress_Full_Cata_Block	1
11.1.4.5.3	RECOGNIZE removal of appropriate _Full_Data_Block on _Situation_Display	Full_Data_Block Situation_Display	1 1
11.1.4.6	RESTORE DATA BLOCK TO DISPLAY	······································	
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
T1,1,4.6.1	INITIATE _Display_Full_Cata_Block message own display	Display_Full_Data_Block	1
11.1.4.6.2	EXECUTE _Display_Full_Data_8lock message	Display_Full_Data_Block	1
11.1.4.6.3	RECOGNIZE appearance of _Full_Data_Block on own display	Full_Data_8lock	1
11,1,4.7	SUPPRESS FDE FROM DISPLAY	······································	
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
T1,1.4.7.1	INITIATE _Suppress_Display_Of_An_FDE message for own display	Surpress_Display_Of_An_FDE	1
11.1.4.7.2	EXECUTE _Suppress_Display_Of_An_FDE message	Suppress_Display_Of_An_FDE	1
11.1.4.7.3	RECOGNIZE removal of appropriate _flight_Data_Entry from _Flight_Data_Display	Flight_Outo_Entrv Flight_Duto_Display	; 1
T1,1,4.8	RESTORE FOE TO DISPLAY		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	_
T1.1.4.8.1	INTRODUCE _Request_Flight_Data_Entry message for own display	Request_Flight_Dota_Entry	1

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1.1.4.8 RESTORE	FDE TO DISPLAY				
Ţa	SK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
71.1.4.5.2	EXECUTE _Requi message	est_F1:ght_Data_Entry	Reques	st_Flight_Dota_Entry	1
71.1,4.8.3	RECOGNIZE app _flight_Data_ *results of r message*	earance of Entry on _Flight_Display equest flight data entry	Flight Flight	t_Data_Entry t_Cisploy	1
11,1,4,9 ENTER F	FDE NOTATIONS				
7.	ASK TYPE: E	CCCRD MEDIA:	FREQUENCY: MED	CRITICALITY: MED	
77.1,4,9.1		er_FCE_Notation *FDEN*		_FDE_Notution	1
75,1,4,9.2	EXECUTE _Ente	er FDE_Notation message	Enter	_FDE_Notation	1
71,1,4,2,3		rance of Entry_Notation .a_Entry on Flight Data	Fligh Fligh	t_Data_Entry_Notation t_Data_Entry	1
11.1.4.18 DELETE	FEE NOTATIONS				••••••••
T	ASK TUPE: E	CCCRD MEDIA:	FREQUENCY: LOW	CRITICALITY: LCW	
77.1.4.70.7	INITIATE Del delete a 711;	Lete FDF_Notation message to ght data entry notation	Calet	e_FCE_Notation	1
71,1,4,12,2	EXECUTE _Colo	aga_FDE_Nutation message	Deleg	ge_FCE_Notation	1
77.7 4,78.3	RECOGNIZE rem _Flight_Data _Flight_Data_ Display	rovol of Entry_Notation from Entry on Flight Data		nt_Dota_Entry_Notation nt_Dota_Entry	1
T1.1.4.11 CELETE	FDB/ FDE FRCM TCS	OC SYSTEM			
			FREQUENCY: LOW	CRITICALITY: LCW	
71.1.4.11.1	INITIATE _Dro	op_Flight_Plan message	Drop_	Flight_Plan	1
71,1,4,11,2	EXECUTE _Ono;	p_Flight_Plan message	Crop_	Flight_Plan	1
71.1.6.11.3		Ticzai of Fall_Data_Block		_Data_Block	1
	_Flight_Data_	ion Display and removal of Entry from _flight Data sults of drop flight plan	Fligh	otion_Oisplay nt_Duta_Entry nt_Duta	1 1
14.1.4.12 SEUECT	FOE SORTING PRICE	RITY SCHEME			
Ī	ASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LCW	
71,1,4,12,1		lect_FDE_Scrt_Technique order flight data entries ta display#	Selec	ct_FDE_Sort_Technique	1
T1,1,+ 12,2	EXECUTE Sel	ect_FDE_Sort_Technique	Selec	ct_FDE_Sort_Technique	1

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ELEMENT NUMBE	R TASK ELEMENT STATEMENTS	08JECTS	OBJECTS
F1.1.4.12	SELECT FDE SORTING PRIORITY SCHEME		
	TASK TYPE: E LOGRD MEDIA:	FREQUENCY: LCW CRITICALITY: LOW (Continued)	·•••
T1,1,4,12,3	RECOGNIZE posting of Flight Data Entry in desired order on Flight Data Display	Flight_Data_Entry Flight_Data_Display	27 1
 T1,	RESEQUENCE FDE MANUALLY		
	TASK TYPE: E COORD MEDIA:	FREQUENCY. MED CRITICALITY: MED	
T1.1.4.13.1	INITIATE _Manually_Order_FDE message to resequence _Flight_Data_Entry on Flight Data Display	Manually_Order_FDE Flight_Oato_Entry	1
T1,1.4,13.2	EXECUTE _Manually_Post_FUE message	Manually_Post_FDE	1
T1.1.4.15.3	DETECT new location of _Flight_Data_Entry on _Flight_Data_Display	Flight_Octo_Entry Flight_Coto_Oisplay	1
71,1,4,34	INHIBIT AUTOMATIC HANDOFF FOR TRACK(S)		
	TASK TYPE: E COURD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
T1,1,4,14,1	INITIATE _Innibit_Automatic_Handoff message	Inhibit_Automatic_Handoff	1
T1.1.4.14.2	EXECUTE _Inhibit_Automotic_Hendoff message	Inhibit_Automatic_Handoff	1
T1, 1, 4, 14, 3	DETECT _Automatic_Handoff_Inhibited in Handoff_Alert_Indication in Full Data Block	Automatic Handoff_Inhibited Handoff_Alert_Indication	1
T1,1,4,14,4	A/O DETECT entries in _Auto_Handaff/Pointou _Innibit_cist in _Special_Lists	Auto_Hondoff/Pointout_Inhibit_List Special_Lists	1 1
T1.1.4.15	RESTORE AUTOMATIC HANDOFF FOR TRACK(S)		
	TASK TYPE: E COURD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
T1.1.4.15.1	<pre>INITIATE _Enable_Automatic_Handoff message</pre>		1
T1.1.4.15.2	EXECUTE _Enable_Automotic_Handoff message	Enable_Automatic_Handoff	1
T1.1.4.15.3	DETECT _Auto_Handoff_Inhibited in _Handorf_Alert_Indication in Full Data Block	Auto Handoff Inhibited Hangoff_Alert_Indication	1 1
T1.1.4.15.4	A/O DETECT entries in _Auto_Handoff/Pointou _Inhibit_List		1
T1.1.4.16	INHIBIT AUTOMATIC POINTOUT		
	TASK TYPE: E COORO MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
T1.1.4.16.1	INITIATE _Inhibit_Automatic_Pointout message	Inhibit_Automotic_Pointout	1
T1.1.4.16.2	EXECUTE _Inhibit_Automatic_Pointout	<pre>Inhibit_Automotic_Pointout</pre>	1
T1.1.4.16.3	DETECT_Auto_Handoff_Inhibited in Handoff_Alert_Indication in Full Data Black A/O	Auto_Handoff_Inhibited Handoff_Alert_Indication	1

			Task Elem	ent Report		·· ·· ····
TACK AHIMPED	,	TASK STATEMENT	S / DATA			NO. CF
ELEMENT NUMB	ER	TASK STATEMENT AND TASK ELEMENT S	STATEMENTS		OBJECTS	OBJECT:
T1.2.1.1	RECEIVE NOT	TICE OF POTENTI	AL AIRCRAFI/ VEHICLE CONFLI		V	
	TASK 1	TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
71.2.1.1.1			1, Receiving ATC Mail nicle conflict*			
71.2.1.1.2		PERFORM TCS,	Receiving TCS G/G *aircraft/ vehicle			
T1.2.1.2	DETECT AIRC	CRAFT CONFLICT	ALERT INDICATION		¥=====================================	
	TASK T	TYPE: R	COORD MEDIA:			
11.2.1.2.1		SEARCH_Alert presence of o	And_Resoultion_Oisplay for	Ale	rt_And_Resoultion_Disploy	1
71.2.1.2.2		glarm* Tforced	solution_Display		flict_Alert rt_And_Resolution_Display	1
11.2.1.2.3		SEARCH _Flight	z_Dota_Entry on Display for presence of		gnt_Data_Entry gnt_Data_Display	27 1
₹1.2.1.2.4		Flight_Data_(Display	ict_Alert *FDEN* in Entry on Flight Data		flict_Alert gnt_Ooto_Entry	1
Y1.2.1.2.5			/O Block on _Situation_Display of alert		a_Block uation_Disploy	2 <i>7</i> 1
T1.7.1.2.6		DETECT _Confi _Full_Data_Bl	ict_Alert_Indicator in ock on Situation_Display	Fol	flict_Alert_Indicator 1_Data_Black pluy	1 1 1
T1.2.1.3	OBSERVE PO	TENTIAL AIRCRA	FT/ VEHICLE CONFLICT SITUAT	ICN		
	TASK	TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
T1.2.1.J.1		*SCAN Tower A for potential	irspace or Movement Area conflict			
T1.2.1.3.2		airborne airc	sition/ movement of raft or aircraft/ vehicles o mental traffic picture			
T1.2.1.3.3		RECOGNIZE pot conflict	ential aircraft/ vehicle			
T1.2.1,4	DETERMINE	VALIDITY OF AI	RCRAFT/ VEHICLE CON COT NO			
	TASK	TYPE: A	COORD MEDIA:	FREQUENCY: LCW		
Т1.2.1.4.1		information w	ition, direction, and speed of the regard to the current/ ximity of the aircraft/			
T1.2.1.4.2		conflict or i	ty of dircraft/ vehicle ndication NO			
T1.2.1.4.3		COMPARE _Airo _Airport_Vide _Airport_Surf	raft/Nehicle Rodor Data and o Map information on ace Display Equipment with ected proximity of	Air	craft/Vehicle_Radar_Data rport_Video_Map rport_Surface_Display_Equipment	1 1 1

			idsk Etei	ment Report		
TASK NUMBER /		TASK STATEMEN AND TASK ELEMENT	TS / DATA			NO. CF
ELEMENT NUMBER	₹	TASK ELEMENT	STATEMENTS		08JECTS	OBJECT
1.2.1.4	DETERMINE	VALIDITY OF A	RCRAFT/ VEHICLE CONFLICT NO			
	TASK	TYPE: A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI (Continued)	
1,2,1,4,4		ASSESS valida indication	ty of conflict motice or			
1.2.1.5			TION TO RESOLVE AIRCRAFT/ V	= :	I TUAT ICN	
	TASK	TYPE: A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
1.2.1.5.1		EVALUATE curr troffic pictu	ent and projected mental me using to determine offict situation			
1.2.1.5.2			ty of aircraft/ vehicle consideration of the mental ure			
11.2.1.5.3		*DECIDE appro resolve confl	opriote action required to lict			
T1.2.1.6	INFORM CON	ITROLLER OF POT	TENTIAL/ ACTUAL AIRCRAFT/ VE	HICLE CONFLICT	· ***	*
	TASK	TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
1.2.1.6.1		PERFORM TCS, Communication aircraft/ven: position*	Initiating TCS G/G ns *potential/actual icle conflict at other			
T1.2.1.6.2		PERIORM TEM 1) M.2. Sending ATC Mail ctual aircraft/vehicle other position#			
Γ1.2.1.7	ISSUE ADVI	ISORY IN REGAR	D 10 AIRCRAFT CONFLICT			
	TASK	TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
Τ1.2.1.7.1		PERFORM TCS.	Communicating d Via TCS *aircraft confict		······································	
11.2.1.8	FORWARD N	OTICE OF POTEN	TIAL/ ACTUAL AIRCRAFT/ VEHIC	CLE CONFLICT TO S	UPERVISOR	
	TASK	TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T1.2.1.8.1		Communicatio aircraft/ ve	Initiating TCS G/G ns *potential/ actual higle conflict*			
T1.2.1.8.2		PERFORM TEM	M.2, Sending ATC Mail actual aircraft/ vehicle			
T1.2.1.9	REVIEW CO	NELICT RESOLUT				
	TASK	TYPE: R/A	COGRD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
11.2,1.9,1			rcroft, position, speed, and ation to form a mental ure	d		
1.2.1.9.2		olution_Advi _Conflict/Wu in _Alect_An	puter_Generated_Conflict_Re sory on rning/Emergency_Alent_Entry d_Resolution_Display A/O		Computer_Generated_Conflict_Resolution_/ Conflict/Worning/Emergency_Alert_Entry Alert_And_Resolution_Disploy	

				епт керогт 				
TASK NUMBER			/ DATA					NO. LF
	ER TASK				OBJECTS	3		OBJECT
11.2.1.9	TASK TYPE: R/A COORD MEDIA: FREQUENCY: LOW CRITICALITY: HI (Continued) 2.1.9.3 EXERACT Conflict Alort Resolution Option in Conflict Alort Resolution Option Carflict Resolution Option (Carflict Resolution Option (Carflict Resolution Advisory on Alort And Resolution Display Alort Among Resolution Computer John Computer John Computer John Computer John Computer John Computer John Computer John Computer John Computer John Computer John Computer John Computer John Computer John Computer John Computer John Computer John Computer Generated Conflict Resolution Advisory 2.1.9.5 COMPARE acceptable Computer Generated Conflict Resolution Advisory Computer Generated Conflict Resolution Advisory Fit any suitable* 2.1.1.6 CHOOSE COFFLICT RESOLUTION OPTION TASK TYPE: R/A CORR MEDIA: FREQUENCY: LCH CRITICALITY: EXT CECIOE Conflict Resolution Advisory From Up to four display and John Charles Among Among Alert Jan Resolution Display Alert Jan Resolution Display Alert Jan Resolution Display Alert Jan Resolution Display Alert Jan Resolution Display Alert Jan Resolution Display For Information per Upinion Symbol on John Frill Octo Block on Situation Display Full Octo Block on Situation Display Full Octo Block on Situation Display Situation Display Situation Display Situation Display Full Octo Block on Fill Octo Block on Full Octo Block on Full Octo Block on Full Octo Block on Mode C. Altitude in Full Data Block on Situation Display Situation Jusplay Situation Jusplay Full Octo Block On Mode C. Altitude in Full Data Block on Situation Display Situation Symbol To Mode C. Altitude in Full Data Block on Situation Display Full Octo Block 2.1.11,4 COMPARE Torget Position Symbol movement on Mode C. Altitude in Full Data Block on Situation Display Situation Symbol Torget Position Symbol							
	TASK TYPE:	R/A	COORD MEDIA:	FREQUENCY: LOW	CRIT.	ICALITY: HI	(Continued)	
T1,2,1.9.3	n in	Conflict A	Resolution Advisory on		Conflict_Res	solution_Advi	sory	3 1 1
T1.2.1.9.4	_Comp	nuter_Jener	ility of each ated_Conflict_Resolution_		Computer_Ge	nerated_Confl	ict_Resolution	_Adviso 3
T1.2.1.9.5	COMP/ onfl:	ARE accepta ict_Resolut	ole _Computer_Generated_C ion_Advisory		Computer_Ge	neroted_Confl	.ict_Resolution	_£dviso 3
71,2.1.9.6	_Comp	puter_Gener	ated_Conflict_Resolution_		Computer_Ge	neroted_Confl	.ict_Repolution	_Adviso 1
T1.2.1.10	CHOOSE CONFLICT	RESOLUTION	OPTION					
	TASK TYPE:	R/A	COURD MEDIA:	FREQUENCY: LCA	1 CRIT	ICALITY: EXT		
T1.2.1.10.1	DECI(from Site	DE _Conflic up to four uation Disp	t_Resolution_Advisory displayed on the lay and		Conflict_Re Situation_D	solution_Advi	isory	1 1
71 2 1 11	DETECT ATRORAGE	MANFLIVER :	N PESPONSE TO ADVISORY/ AL	FRT				
11.2.1.1					A CRIT	TCALITY: HI		
71.2.1.11.1	SEAR	CH Torget	Position Symbol and	••••	Target Posi	tion Symbol		· †
	_Ful for mone	l_Data_Bloc information uvering in	k on _Situation Display pertaining to aircraft response to advisory		Full_Data_8			1
T1.2.1.11,2	_Tar	-get_Positio :uation_Disp	n_Symbol on					1
T1.2.1.11.3		CT changes			Full_Data_8	Block		: 1 1
T1.2.1.11.4	or _	_Mode_C_Alti	itude in "Full_Data_Block		Mode_C_Alti	tude		1 1 1
T1.2.1.11.4 T1.2.1.11.5	or _ to c RECO	Mode_C_Alti contents of DGNIZE pilot	itude in Full_Data_Block advisory or safety alert compliance with advisory		Mode_C_Alti	tude		
	or _ to c RECO or s	Mode_C_Alti contents of DGNIZE pilot safety alert	Tude in _Full_Data_Block advisory or safety alert compliance with advisory		Mode_C_Alti Full_Data_8	tude Block		1
T1.2.1.11.5	or to c RECO or s INFURM PILOT WH	Mode C_Alti contents of DCNIZE pilot safety alert	tude in _Full_Data_Block advisory or safety alert compliance with advisory TRAFFIC COURD MEDIA: V	FREQUENCY: MEI	Mode_C_Alti Full_Nata_8	tude Block		1
T1.2.1.11.5	OF LOOK TO CONTROL OF SECON OF SECON OF SECON OF SECOND	Mode C Alticontents of OGNIZE pilot safety alert HEN CLEAR OF COMMITTEE VC	tude in _Full_Data_Block advisory or safety alent compliance with advisory TRAFFIC COORD MEDIA: V	FREQUENCY: MEI	Mode C_Alti Full_Nata_B	itude Block	~	1
T1.2.1.11.5 T1.2.1.12 T1.2.1.12.1	or to c RECO or s INFURM PILOT WH TASK TYPE: PERF Air-	Mode C Alticontents of OCNIZE pilot safety alert HEN CLEAR OF CORM TCS. C-To-Ground	tude in Full_Data_Block advisory or safety alent compliance with advisory TRAFFIC COURD MEDIA: V Communicating Normally *clear of traffic*	FREQUENCY: MEI	Mode C_Alti Full_Nata_8	itude Block	~	1
T1.2.1.11.5 T1.2.1.12 T1.2.1.12.1	OF TO C RECO OF S INFORM PILOT WH TASK TYPE: PERF Air- RECEIVE CONTROL	Mode C Alticontents of OCNIZE pilot safety alert HEN CLEAR OF E VC	Tude in _Full_Data_Block advisory or safety alent compliance with advisory TRAFFIC COORD MEDIA: V Communicating Normally *clear of traffic* OF POTENTIAL LOW ALTITUDE	FREQUENCY: MED	Mode C_Alti Full_Nata_B D CRIT	tude Block	~	1

	Task Eleme	int Report		~~~~~~~~~~~	
TASK NUMBER	TASK STATEMENTS / DATA				NO. OF
ELEMENT NUMB			0	BJECTS	CBJECT
1.2.2.1	RECEIVE CONTROLLER NOTICE OF POTENTIAL LOW ALTITUDE S	SITUATION AT TH	HIS POS	ITION	
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LO	γ	CRITICALITY: HI (Continued)	
Τ1.2.2.1.2	PERFORM TCS, Receiving ICS G/C Communications *potential/ actual low altitude situation*				
11.2.2.2	CETECT MSAW INDICATION OR ALARM				
	TASK TYPE: R COORD MEDIA:	FREQUENCY: LO	u	CRITICALITY: HI	
T1.2.2.2.1	DETECT _Minimum_Safe_Altitude_Warning *with aural ularm* forced on the _Alent_and_Resolution_Display _A/O		Minimu	m_Safe_Altibude_Warning ond_Resolution_Display	1
1,2,2,2,2	DETECT _MSAW in _Full_Data_Block forced on the _Situation_Display			lato_Block ion_Display	1 1 1
X1.2.2 2.3	A/O DETECT _Minimum_Safe_Altitude_Warning *FDEN* in _Flight_Cato_Entry on _Flight_Data_Display		Flight	m_Safe_Altitude_Worning .Data_Entry _Data_Display	1 1
11.2.2.2.4	EXTRACT MSAW information from appropriate display				
71,2,2,3	CETERITINE POTENTIAL LOW ALTITUDE SITUATION				
	TASK TYPE: K/A COORD MEDIA:	FREQUENCY: LO	Hi	CRITICALITY: HI	
11.2 2.3.1	*SCAN tower airspace for low flying aircraft			·	
11.2.2.3.2	PROJECT flight of low flying aircraft				
T1 2.2.3.3	INTEGRATE flight of low flying direraft with ground obstruction or unsafe dicitude				
T1.2.2.3 4	CECIDE potential unsafe low altitude situation exists				
T1,2.2.4	CETERMING VALIDITY OF MSAW NOTICE OR INDICATION				•
	TASK TYPF: A COORD MEDIA:	FREQUENCY: LO)/1	CRITICALITY: HI	
71.2.2.4.1	INTEGRATE MOAN data into mental traffic picture O				
11.2.2.4.2	INTEGRATE directly observed position and movement of aircraft into mental traffic picture				
11.2.2.4.5	ASSESS validity of relayed MSAW notice or observed potential minimum safe altitude situation				
T1,2.2.5	DETERMINE APPROPRIATE ACTION TO RESOLVE LOW ALTITUDE				
	TASK TYPE: A COORD MEDIA:	FREQUENCY: LO	OM	CRITICALITY: HI	
T1,2.2.5.1	INTEGRATE aircraft and MSAW information into mental traffic picture				
T1.2.2.5.2	U INTEGRATE directly observed uincraft position and movement into mental traffic picture				

	Task Elem	ent Report	
TASK NUMBER . ELEMENT NUMB	TASK STATEMENTS / DATA / AND	OBJECTS	NO. CF OBJECTS
T1.2,2,5	DETERMINE APPROPRIATE ACTION TO RESOLVE LOW ALTITUDE	SITUATION	
	TASK TYPE: A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI (Continued)	
T1.2.2.5.3	DECIDE appropriate action for resolving low altitude situation		*****
T1.2,2.5	INFORM CONTROLLER OF POTENTIAL MSAW SITUATION		
	TASK TYPE: E/VC GOORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI	
T1.2.2.6.1	PERFORM TEM M.2. Sending ATC Mail *MSAW information* . 0		
11.2.2.6.2			
ĭ1.2.2.7	ISSUE ADVISORY IN REGARD TO LOW ALTITUDE SITUATION		
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LCN CRITICALITY: HI	
T1.2.2.7.1	PERFORM TCS, Communicating Ai,-To-Groung Via TCS *MSAW/low altitude advisory*		
T1.2.2.3	FORWARD NOTICE OF VALID MSAW OR FLIGHT ASSIST TO SUF	PERVISOR	
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
T1.2.2.8.1	PERFORM TCS, Initiating TCS G/G Communications *valia/ significant MSAW/ low altitude situation*	·	
T1.2.2.8.2	O PERFORM TEM M.1, Sending ATC Mail *valid/ significant MSAW/ low altitude situation*		
11.2.2.3	REVIEW MSAW RESOLUTION ADVISORY	·	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
T1.2.2.9.1	INTEGRATE dircraft, position, speed, route from Full Dota Block and _Flight_Data_Entry	Full_Data_Block Flight_Data_Entry	1
11.2,2.9.2	EXTRACT _Computer Generated_Conflict_Res olution_Advisory *for MSAW* in _Conflict_Resolution_Advisory on _Alert_And_Resolution_Display	Computer Conflict Resolution_Advisory Conflict_Resolution_Advisory Alert_And_Resolution_Display	3 1 1
11.2.2.9.3	A/O EXTRACT _Track/Airspace_Resolution_Optio n in _Conflict_Resoluton_Advisory on _Alert_And_Resolution_Display	Track/Airspace_Resolution_Option Conflict_Resolution_Advisory Alert_And_Resolution_Display	1 1 1
T1.2.2.9.4	DECIDE acceptability of each _Computer_Generated_Conflict_Resolution_Advisory	Computer_Generoted_Conflict_Resolution_Ad	v150 3
11.2.2.9.5	<pre>CCMPARE _Computer_Generated_Conflict_Res olution_Advisory</pre>	Computer_Generated_Conflict_Resolution_Ad	v150 3
11.2.2.9.6	DECIDE on most appropriate Computer Generated Conflict Advisory for low altitude situation *if any are suitable*	Computer_Generated_Conflict_Advisory	1

	Task Elem	ny mepory	
TACK NUMBER	TASK STATEMENTS / DATA		NO. UF
ELEMENT NUMB	/ AND ER TASK ELEMENT STATEMENTS	OBJECTS	OBJECT:
1.2.2.10	OBSERVE FIXED OBSTRUCTIONS DIRECTLY		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
1.2.2.10.1	SCAN airspace and movement areas for fixed obstructions		
1.2.2.10.2	DETECT obstructions in airspace/ movement area		
1.2.2.10.3	ASSESS traffic hazard posed by obstructions in dirspace/movement area		
1.2.2.11	OBSERVE DISPLAY FOR FIXED OBSTRUCTIONS THAT MAY INTE	FERE WITH AIRCRAFT FLIGHT	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
T1.2.2.11.1	SCAN Situation Display for obstructions of potential conflict with aircraft flight path		1
(1.2.2.11.2	<pre>DETECT _Obstruction in _Geographic_Map_Data on _Situation_Display</pre>	Obstruction Geographic Map_Data Situation_Display	3 1 1
T1.2.2.11.3	ASSESS traffic hazard posed by obstruction(s) in airspace area		
Г1.2.3.1	OBSERVE POTENTIAL AIRSPACE/ MOVEMENT AREA VIOLATION		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI CRITICALITY: HI	
11.2.3.1.1	SCAN tower airspace directly for aircraft routes of flight		
T1.2.3.1.2	SCAN_Situation_Display for aircraft routes of flight 0	Situation_Display	1
11.2.3.1.3	SCAN movement area directly for routes of ground travel		
T1.2.3.1.4	INTEGRATE aircraft routes of flight, aircraft position and mavement area in tower airspace, and and aircraft/ venicle ground travel into mental traffic picture		
T1,2,3,1.5	RECOGNIZE potential movement area violation		
T1.2.3.2	DETERMINE APPROPRIATE ACTION TO RESOLVE AIRSPACE/ MC	VEMENT AREA VIOLATION	
	TASK TYPE: A COURD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
T1.2.3.2.1	INTEGRATE _Special_Use_Airspace_Boundury , _Data_Bluck, movement area boundary, and/ or aircraft/ vehicle direct observation, into mental traffic picture	Special_Use_Airspace_Bour Data_Block	idory 1
T1.2.3.2.2	DECIDE appropriate action to resolve airspace/ movement area violation		
T1.2.3.3	INFORM CONTROLLER OF POTENTIAL/ ACTUAL AIRSPACE/ MOV	EMENT AREA VIOLATION	
	TASK TYPE: E/VC CGORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI	
T1.2.3.3.1	PERFORM TCS, Initiating TCS G/G Communications *potential/ actual airspace/ movement area violation*	······································	

		Task E)	lement Report		
TACK NUMBER (TASK STATEMEN			· · · · · · · · · · · · · · · · · ·	10 cc
TASK NUMBER / ELEMENT NUMBER	AND TASK ELEMENT	STATEMENIS		NO. CF OBJECTS	
1.2.3.3 INFOR	M CONTROLLER OF POT	ENTIAL/ ACTUAL AIRSPACE/ N			
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI (Continued)	
1.2.3.3.2	PERFORM TEM M	.2, Sending ATC Mail ctualairspace/ novement			
F1.2.3.4 ISSUE	ADVISORY IN REGARD	TO AIRSPACE/ MOVEMENT ARE	EA VIOLATION		
_	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
11.2 3.4.1	PERFORM TCS, Air-to-Ground	Communicating Via TCS *airspace/ violation advisory*			
T1.2.3.5 FORWA	RO NOTICE OF POTENT	IAL/ ACTUAL AIRSPACE/ MOV	EMENT AREA VIOLATION T	O SUPERVISOR	
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
11,2,3,5,1	Communication	Initiating TCS G/G s *potential/ actual mement area violation*			
T1.2.3.5.2	PERFORM TEM N	1.2. Sending ATC Mail actual airspace/movement			
T1.2.4.1 OBSEF	RVE AIRCRAFT/ VEH.CL	E ABNORMALITY DIRECTLY		, , , , , , , , , , , , , , , , , , ,	
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
T1.2.4.1.1	SCAN specific abnormal cond	c aircraft/ vehicle for dition			
T1.2.4.1.2	RECOGNIZE air condition	croft/ vehicle abnormal			
T1.2.4.1.3	ASSESS seriou or vehicle at	usness of observed aircraf anormality	t		
T1.2.4.2 DETE	RMINE NEED FOR ADVIS	SORY/ SAFETY ALEXT/ CLEARA	NCE		
	TASK TYPE: A	CCORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
T1.2.4.2.1	DECIDE need	for safety advisory			
T1.2.4.3 F0RM	JLATE ADVISORY/ SAFI	ETV ALERT CONTENT			
		COORD MEDIA:	FREQUENCY: LCW	CRITICALITY: HI	
T1.2.4.3.1		visory *actual/ potential			• • • • • • • • • • • • • • • • • • •
71 0 6 6 7 TOO!	C ADVICABLY CAREEY	ALEDT IN DECADE TO UNCAFE	AIDCDACT / VEHICLE COM	DITTON	
T1.2.4.4 ISSU		COORD MEDIA: V			
¥1.2.4.4.1	Air-lo-Groun advisory*	Communicating I via TCS *unsafe conditi			
T1.2.4.5 OBSE		LY IN RESPONSE TO ADVISORY	=		
	TASK TYPE: R/A	COOPD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
T1.2.4.5.1		gircraft/ vehicle movement			

	Task Eleme	ent Report	
TASK NUMBER /	TASK STATEMENIS / DATA		NO. OF
ELEMENT NUMBE		OBJECTS	OBJECT
1.2.4.5	OBSERVE MANEUVER DIRECTLY IN RESPONSE TO ADVISORY/ S	AFETY ALERT	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LCW CRITICALITY: HI (Continued)	
11.2.4.5.2	DETECT gircroft/ vehicle maneuver		
1.2.4.6	INFORM PILOT/ CPERATOR OF SITUATION RETURNED TO NORM	al	
		FREQUENCY: LOW CRITICALITY: MED	
11.2.4.6.1	PERFORM TCS, Communicating Air-to-Ground Via TCS *abnormal aircraft/ venicle situation normal*		
11.2.5.1	DETERMINE VALIDITY/ APPROPRIATENESS OF DISPLAY OF AN	ALERT/ RESOLUTION ADVISORY	
	TASK TYPE: A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
T1.2.5.1.1	INTEGRATE alert condition and/ or associated _Conflict_Resolution_Advisory into mental traffic picture	Conflict_Resolution_Advisory	1
11.2.5.1.2	ASSESS appropriateness of use of alert condition		
11.2.5.1.3	DECIDE appropriateness or inappropriateness of use of alert condition		
T1.2.5.1.4	A/O ASSESS oppropriateness of _Conflict_Resolution_Advisory *resolution options*	Conflict_Resolution_Advisory	î
11.2.5.1.5	DECIDE appropriatenesss or inappropriateness of use of _Conflict_Resolution_Advisory *resolution_options*	Conflict_Resolution_Advisory	1
T1,2.5.2	RECEIVE SUPERVISOR NOTICE TO SUPPRESS ALERT		
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
T1.2.5.2.1	PERFORM TEM M.1, Receiving ATC Mail *suppress alert*		
T1.2.5.2.2	O PERFORM TCS, Receiving TCS G/G Communications *suppress alert*		
T1.2.5.3	SUPPRESS CONFLICT ALERT FOR PAIRED AIRCRAFT		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
11.2.5.3.1	INITIATE _Suppress_Conflict_Alert_Poir/C onTlict_Resolution_Advisory_message	Suppress_Conflict_Alert_Poir/Conflict_Reso Advisory	olut 1 1
11.2.5.3.2	INDICATE _Flight_Identification	Flight_Identification	2
11.2.5.3.3	<pre>EXECUTE _Suppress_Conflict_Alent/Conflic t_Resolution_Adivosry message</pre>	Suppress_Conflict_Alent/Conflict_Resolution	on_4 1
T1.2.5.3.4	DETECT _MSAW/CA_Suppression_INdicator in _Full_Data_Elock on _Situation_Display	Full_Data_Block Situation_Display	1 2 1
T1,2.5.4	SUPPRESS MSAW FUNCTION FOR AN AIRCRAFT		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
T1.2.5.4.1	INITIATE Suppress MSAW/Alert/Conflict R esolution_Advisory message	Suppress_MSAW/Alert/Conflict_Resolution_A	dvis 1

	Tosk Eleme	ent Report		
TASK NUMBER			OBJECTS	NO. OF
ELEMENT NUMB			Opperio	OBJECTS
T1.2.5.4				
	TASK TYPE: F. COORD MEDIA:			
T1.2.5.4.2	INDICATE _Flight_Identification		ight_Identification	1
11.2.5.4.3	<pre>EXECUTE _Suppress_MSAW/Alert/Confolct_Re solution_Advisory message</pre>	Sup	ppress_MSAN/Alert/Confolct_Resolution_A	kdvis 1
T1.2.5.4.4	DETECT _MSAW/CA Suppression Indicator in _Full_Oata_Block on _Situation_Display	Ful	AW/CA Ill_Dato_3lock tuotion_Display	1 1 1
T1.2.5.5	SUPPRESS CUMFLICT ALERT FOR GROUP SUPPRESSION			
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T1.2.5.5.1	INITIATE _Group_Suppression message	Gro	oup_Suppression	i
11.2.5.5.2	INDICATE _Action_Indicator	Act	ction_Indicator	1
71.2.5.5.3	INTRODUCE _Group_[dentification_Number *to create group*	Gro	oup_Identification_Number	1
T1.2.5.5.4	INDICATE _Flight_Ident1fication	F1:	.ight_ldentification	4
T1.2.5.5.5	INDICATE _Group_Identification_Number *to add/ delete aircraft from group*	Gro	oup_Identification_Number	1
T1.2.5.5.S	INDICATE _Flight_Identification	F1:	ight_Identification	1
T1.2.5.5.7	EXECUTE _Group_Suppression message	. Gr	roup_Suppression	1
T1 2.5.5.8	DETECT _MSAH/CA_Suppression_Indicator in _Full_Data_Black on _Situation_Display	Ful	CAU/CA_Suppression_Indicator .ll_bata_Block ituation_bisplay	i 4 1
T1.2.5.5.9	A/O DETECT Group Identification Number and Callsign in Group Suppression List onm Special Lists	Ca) Gra	roup_Identification_Number pllsign roup_Suppression_List peciol_Lists	1 1 1
T1.2.5.6	RECEIVE SUPERVISOR NOTICE TO RESTORE ALERT/ RESOLUTI	ION ADVISORY		
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: MED	CRITICALITY: MED	
T1.2.5.6.1	PERFORM TEM M.1, Receiving ATC Moil *restore alert/ resolution advisory*			.,
T1.2.5.6.2	O PERFORM TCS. Receiving TCS 6/6 Communications *restore alert/ resolution advisory*			
T1.2.5.7	RESTORE SPECIFIC ALERT/ RESOLUTION ADVISORY FUNCTION			
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW	CR:+[CALITY: MED	
T1.2.5.7.1	INITIATE _Restore_MSAW_Alert/Conflict_Re solution_Advisory message	Re	estore_MSAW_Alert/Conflict_Resolution_A	dviso 1
T1.2.5.7.2	EXECUTEE _Restore_MSAW_Alert/Conflict_Re solution_Advisory message O	Re	estore_MSAW_Alert/Conflict_Resolution_A	dviso 1
11.2.5.7.3	INITIATE _Restore_Conflict_Alert_Pair/Co nflict_Resolution_Advisory message		estore_Conflict_Alert_Pair/Conflict_Res dvisory	soluti 1 1

			Task E	lement Report			
TASK NUMBER /		TATEMENTS AND	/ DATA				NO. OF
ELEMENT NUMBE		LEMENT STA	TEMENTS		1	OBJECTS	CBJECT
T1.2.5.7	RESTORE SPECIFIC	ALERT/ RES	OLUTION ADVISORY FUNCT	ION TO NORMAL			
	TASK TYPE: I	E	COORD MEDIA:	FREQUENCY: LC)W	CRITICALITY: MED (Continued)	
T1.2.5.7,4	EXECUT flict_	E_Restore Resolution	_Conflict_Alert_Puir/Co _Advisory_message	วก	Resto Advis	re_Conflict_Alert_Pair/Conflict_ ory	Resoluti 1
T1.2.5.7.5	INITIA *resto	TE _Group_ re*	Suppression message		Group	_Suppression	1
T1.2.5.7.6	EXECUT	E _Group_S	uopression message		Group	Suppression	1
T1.2.5.7.7	ndicat	or from F	ri_MSAW/CA_Suppression ull_Dato_Block on ay *group suppression	_	Full_	CA_Suppression_Indicator Data_Block tion_Disploy	1 4 1
T1.2.5.7.8	Number		of _Group_Identification oup_Suppression_List	n_		_Identification_Number _Suppression_List	1
T1.2.5.7.9	ndicat _Situa	or from F	of MSAW/CA Suppression oull_Data_Black on ay *conflict alert	_1	Full_	CA_Suppression_Indicator Data_Block ition_Display	1 2 1
T1.2.5.8	SUPPRESS CONFLICT	RESOLUTIO	N ADVISORY FOR PAIRED	AIRCRAFT			
	TASK TYPE:	E	COORD MEDIA:	FREQUENCY: LO	CM	CRITICALITY: LOW	
T1.2.5.3.1	INITIA onflic	NTE _Suppre t_Resoluti	ess_Conflict_Alert_Pair	/C	Suppr Advis	ress_Conflict_Alart_Pair/Conflict cory	Resolut :
T1.2.5.8.2	INDICA	TE _Flight	_Identification		Fligh	nt_Identification	2
71.2.5.8.3	EXECUT nflict	E_Suppres _Resolutio	ss_Contlict_Alert_Poir/ on_Advisory	Со	Suppr Advis	ress_Conflict_Alert_Pair/Conflict sory	Resolut 1
T1.2.5.8.4	⊃ETECT *suppr	Conflict	t_Resoluton_Advisory n_Situation_Display			lict_Resoluton_Advisory ption_Display	1 1
T1.2.5.9	SUPPRESS MSAW RES	SOLUTION A	DVISORY FOR AN AIRCRAFT				
	TASK TYPE:	Ε	COORD MEDIA:	FREQUENCY: L	CM	CRITICALITY: LOW	
T1.2.5.9.1	INITIA Resolu	ATE _Supproution_Advi:	ess_MSAw_Alert/Conflic sory message	t_	Suppr	rass_MSAW_Alert/Conflict_Resolut	.ion_Advi 1
T1.2.5.9.2	INDICA	ATE _Flight	t_Identification		Fligh	ht_Identification	1
71.2.5.9.3			ss_MSAW_Alert/Conflict_ ry message	Re	Suppr	ress_MSAW_Alert/Conflict_Resolut	ion_Advis 1
T1.2.5.9.4			_Suppression_Indicator k on _Situation_Display		Full_	/CA_Suppression_Indicator _Data_Block ation_Display	1 1 1
T1.3.1.1	PERCEIVE AN ALTI	TUDE/ ROUT					
	TASK TYPE:	R/A	COORD MEDIA:	FREQUENÇY: L	.CIA	CRITICALITY: H1	
T1.3.1.1.1	wovewe		d aircraft position and bserved aircraft posit				
T1.3.1.1.2	RECUC	NIZE Fligh	t ni n i i i				

		Task Ele	ement Report		
TACK NUMBER /	TASK STATEMEN	TS / DATA			NO OF
ELEMENT NUMBER	AND TASK ELEMENT	STATEMENTS		OBJECTS	NO. CF OBJECT
	VE NOTICE OF AIRCRA	FT/ VEHICLE DEVIATION			
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
Γ1.3.1.2.1		Receiving TCS G/G s *aircraft/vehicle			
11.3.1.2.2	PERFORM TEM M	.1, Receiving ATC Mail hicle deviation*			
71,3.1,2,3	PERFORM TCS.	Communicating Via TCS = *aircraft/			
T1.3.1.3 DETEC	CT ALTITUDE NONCONFO			***************************************	
		COORD MEDIA:			
Τ1.3.1.3,1	DETECT _Altin r in _Full_Do _Situation_Di _Flight_Data _Flight_Data	ude Nonconformance_Indicat bta_Block on .splay and/ or Entry on	o Altı Full Situ Fily	.tude_Nonconformance_Indicator _Data_8lock uation_Display gnt_Data_Entry gnt_Data_Display	1 1 1 1
T1.3.1 4 OBSE	RVE GROUND TRAFFIC	DEVIATION DIRECTLY			
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
71.3.1.4.1	COMPARE posi	tion and movement of nicle with cleared position			
т1.3.1,4 2	RECOGNIZE gr	ound traffic deviation			
T1.3.1.5 QUER	Y PILOT/ OPERATOR/	CONTROLLER REGARDING DEVIAT	NCI		
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T1.3.1.5.1	PERFORM TSC. Communicatio	Initiating TCS G/G ns *deviation query* O			
11,3.1,5.2	PERFORM TCS,	o Communicating d Via TCS *deviation query	**		
т1.3.1.5.3	PERFORM TEM *deviation q	M.1, Sending ATC Mail uery*			
11.3.1.5 ISSU	E ADVISORY IN RECAR	D TO DEVIATION			
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HT	
T1,3.1.6.1	Air-To-Groun advisory*	Communicating d Via TCS *deviation			
T1.3.1.7 OBSE		LE RESUMING CONFORMANCE DIF			
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T1.3.1.7.1		raft/ vehicle position and cleared position and motion	1		
T1.3.1.7.2	RECOGNIZE ai conformance	rcraft/ vehicle resuming			

				Task Elem					
TASK NUMBER	;		STATEMENTS AND						NO. OF
ELEMENT NUMBI	ER	TASK	ELEMENT STA					BUECTS	OBJECT
T1.3.1.8	ORSERVE DI	SPLAY	OF AIRCRAFT	VEHICLE RESUMING CONFOR					
	TASK	TYPE:	R/A	COORD MEDIA:	FREQUENCY:			CRITICALITY: MED	
T1.3.1.8.1		on A	RE position inport Surf	o and movement of target face_Detection_Equipment_ cared_position_and_motion				t_Surface_Detection_Equipment_DIsp}	αγ 1
T1.3.1.8.2		_Targ _Full	RE position et_Posicion _Data_Black	n and motion of n_Symbol and/ or con_Situation_Display egred route of flight			Fuli_D	_Pasition_Symbol ato_Block ion_Display	1 1 1
11.3.1.9.3		ce_In	T absence	of _Altitude_Nonconforman _Full_Data_Block on lay			Full_D	de_Nonconformance_Indicator ata_Block ion_Display	1 1 1
T1,3,1,3,4			NIZE alrer rmance	oft/ vehicle resuming					
T1.3.1.9	OBSERVE GR	(IUND T	RAFFIC DEV	IATION ON ASDE DISPLAY					
	TASK	TYPE:	R/A	COORD MEDIA:	FREQUENCY:	LO	М	CRITICALITY: HI	
T1.3.1.9.1		_Airp	ort_Surfac	n and motion of target on e Detection Equipment Dis ea position and motion			Airpor	t_Surface_Detection_Equipment_Cispl	ay 1
1.3.1.9.2		RECOO	SNIZE groun	d traffic deviation					
T1.3.1.10	INFORM OTH	IER CON	TROLLER/ S	UPERVISOR OF GROUND TRAFF		-			
		_		CCCPD MEDIA: V/M	-		И	CRITICALITY: HE	
11.3.1.10.1		PERFO Commu	ORM TCS. I unications ution*	nitioting TCS G/G *ground traffic					
T1.3.1.10.2		PERF(*grou	0 CRM TEM M.2 Und traffic	, Sending ATC Mail geviation*					
T1.3.1.11	DETECT UNF	EASON	ABLE MODE C	INDICATION					
	TASK	TYPE:	R	COURD MEDIA:	FREQUENCY:	LO	44	CRITICALITY: HI	
11,3.1.11,1		ure_:	CT _Mode_C_ Indication uation_Disp	Reasonableness_Check_Fall in _Full_Data_Block on lay			Full_0 Situat	Reasonableness_Check_Failune_Indic ato_Block .ion_Display	at 10 1 1 1
T1.3.1.12	EVALUATE (INREAS	DNABLE MODE	C INDICATION FOR ACTION					
	TASK	TYPE:	A	COORD MEDIA:	FREQUENCY:		W	CRITICALITY: HI	
T1.3.1.12.1		olti		C_Altitude with expected upon directed				_Altitude	1
T1.3.1.13	EVALUATE A	ALT I TU	DE NONCONFO	RMANCE INDICATION FOR ACT					
	TASK	TYPE:	R/A	COORD MEDIA:	FREQUENCY	: L0)[]	CRITICALITY: HI	
T1.3.1.13,1		alti		ita Block of aircraft with				Oato_Block .ion_Disp)ay	1

		Tosk Elem	ent Report			
TASK NIMBER 1	TASK STATEMENTS					NO. CF
ECEMENT NUMBER	TASK ELEMENT ST	ATEMENTS		CBUECTS		CBJECTS
1.3.1.13 E	ALUATE ALTITUDE NONCONFO	RMANCE INDICATION FOR ACTI	ON NEEDED			
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LO	CRITICALITY: HI	(Continued)	
71.3.1.13.2	EXTRACT _Mode_0	Altitude,		Mode_C_Altitude		•
	_Pilot-Reported _Assigned_Altit	_Altitude or .ude from _Full_Data_Block		Pilot-Reported_Altitude Assigned_Altitude		ן ר
	- , •			Full_Data_Block		1
77.3.1.13.3	EVALUATE possib reconformance o					
T1.3.0 - RE	CELLE FOE OF DEPARTURE A	MIRCRAFT		 		
	TASK TYPE: R	COORD MEDIA: F	FREQUENCY, HI	CRITICALITY: MED		
71.4.2 1.1	SCAN Departure	-		Departure_List Flight_Data_Display		1
T1.3.22	DETECT_Flight _Departure_Lisi			Flight_Octo_Entry Departure_List		1
11.3 2.1.3		information from _FDE in on Fllight Data Disploy		FDE Deporture_tist		1 1
1.3.2.2 C	BSERVE AIRCRAFT AMAITING	TAKEOFF CLEARANCE				
	TASK TYPE: R/A	COCRD MEDIA:	FREQUENCY: HI	CRITICALITY: MED		
**.3 2.2.*	*SCAN runway/ ' awaiting takeo	taxiway for dinendît if elegrance				
77.3 2.2.2	IDENTIFY aircre	aft awailing takeoff				
71,5,2,3 R	ECEIVE INITIAL CONTACT F	ROM PILOT REACY FOR TAKEOF	· 			
	TASK TYPE: VC	COCRD MEDIA: V	FREQUENCY: HI	CRITICALITY: MED		
71. 3 .2.3.1	PERFORM TCS,	Cammunicating vio TCS *initial contact				
	NYER CEPARTURE MESSAGE	·····				
	TASK TVPE: E	COORD MEDIA:	FREQUENCY: LO	OW CRITICALITY: MED		
71,3,2,4,1	INITIATE Depo			Departure		i
11.3.2 4.2	•	grit_Identification		Flight Identification		1
73.3 2.4.3	+INTRODUCE De	_		Departure Time		•
71.3.2.4.4		signed Altitude		Assigned_Altitude		;
	_			-		1
3.2.4.5	EXECUTE Depart			Ceporture		1
11.3.2.4.8	on _Situation_	ance of _Full_Data_Slock Display *if departure tuation Display area*		Full_Mota_Block Situation_Display		;
11.3.2.5	SSUE APPROPRIATE DEPARTU	RE INFORMATION	************			
		COORD MEDIA: V	FREQUENCY: . (CRITICALITY: HI		
1.3.2.5.1	PERFORM TOS.					

	To	osk Element Report		
TACK MINDED /	TASK STATEMENTS / DATA			NO. CF
TASK NUMBER / ELEMENT NUMBER	AND TASK ELEMENT STATEMENTS		OBJECTS	CBJEC
1,3,2,6 CISCUS	S SEQUENCING WITH GROUND CONTROLLER			
т	ASK TYPE: VC COORD MEDIA: V	FREQUENCY: MEU	CRITICALITY: MED	
1,3,2,6,1	PERFORM TOS Initiating TCS G/G Communication *sequencing*			
1,3,2,5,2	A PERFORM TCS, Receiving TCS G/G Communications *sequencing*			
1.3.2.7 CETERM	NINE SEQUENCE FOR SEPARTURE AIRCRAFT			
יַ	ASK TYPE: A COORD MEDIA:	FREQUENCY: HI	GRIT!CALITY: HI	
1.3.2.7.1	INTEGRATE planned route Or flight destination, and traffic management restrictions into montal traffic ;	nt		
7 3.2.7.2	CECIDE optimal sequence for depart aircraft	ture		
1.3.2.3 REQUES	ST RELEASE FOR DEPARTURE			
,	TASK TYPE: E/YC COORD MEDIA: V/M	FREQUENCY: LCW	CRITICALITY: MED	
1.3.2.3.1	PERFORM TCS. Initiating TCS G/G Communications *request release*			
1.3.2.6.7	PERFORM TEM M.2. Sending ATC Mai *request release*	1		
1.3.2.9 RECEL	VE INSTRUCTIONS TO HOLD FOR RELEASE		**************************************	
	TASK TYPE: R/VC COGRD MEDIA: V/M	FREQUENCY: LCN	CRITICALITY: HI	
1.3.0.9.1	PERFORM TCS, Receiving TCS G/G Communications *hold for release	#		
11.3.2.9.2	PERFORM TEM M.1. Receiving ATC M *hold for release*	la:1		
11.3.2.10 RECEI	VE RELEASE FOR DEPARTURE AND AMENDED OL	EARANCE 45 NECESSARY	,	
	TASK TYPE: R/SC COORD MEDIA: V/M	1 FREQUENCY: LOW	CRITICALITY: HI	
1.3.2.18.1	PERFORM TCS, Receiving TCS G/S Communications *release for depo amended clearance*	orture/		
11,3,2.10.2	0 PERFORM TEM M.1, Receiving ATC M #release for departure/amended clear o⇔le#			
*1. 3 .2.11	INSTRUCTIONS TO PILOT TO TAXI INTO PCS			
-	TASK TYPE: VC COORD MEDIA: V		CRITICALITY: HI	
T1, 3 ,2,11,1	PERFORM TCS, Communicating Air-To-Ground Via TCS *taxi into position and hold*			
	MINE APPROFRIATE INTERVAL/ DISTANCE FOR			
	TASK TYPE: A COORD MCDIA;		CRITICALITY: HI	
T1.3.2.12.1	INTEGRATE flight data, directly opposition and movement of depart aircruft, and/ or ASDE information mental traffic picture	observed ure		

			Task Ele					
TASK NUMBER /		TASK STATEMENT AND					NO. CF	
ELEMENT NUMBER	ER TASK ELEMENT STATEMENTS		ORJECTS			OBJECTS		
 71.3.2.12 Ω		TERMINE APPROPRIATE INTERVAL/ DISTANCE FOR DEPARTURE						
			COORD MEDIA:		CRITICALITY: HI	(Continued)		
T1.3.2.12.2			priate interval/ distance		,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
1.5,		for departure	2					
T1.3.2,13	ISSUC AMEN							
	TASK	TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI			
71.3.2.13.1		PERFORM TCS,	Communicating d Via TCS *amended					
T1.3.2.14	ISSUE DEPA	ARTURE INSTRUCT	IONS					
	TASK	TYPE: VC	COORD MEDIA: V	FREQUENCY: LCW	CRITICALITY: HI			
T1.3,2,14.1			Communicating d Via TCS *departure *					
*1,3,2,15	ISSUE ADVI	ISORY IN REGARD	D TO TRAFFIC/ WAKE TURBULENG	.CE				
	TASK	TYPE · VC	CCORD MEDIA: V	FREQUENCY: MED	CRITICALITY: HI			
T1.3.2.75.1		FERFORM 1CS.	Communicating d Via TCS *truffic/ wake			.,		
11 3.2.16	ISSUE TAKE	EOFF CLEARANCE						
	TASK	TYPE: VC	CHORD MEDIA: V	FREQUENCY: HI	CRITICALITY: HI			
T1.3.2.16.1		PERFORM TCS.	Communicating d Viu TCS *takeoff					
11.3.2.17	ISSUE AMEN	NDED TAKEOFF CL	LEARANCE					
	TASK	. TYPE: VC	CCORD MEDIA: V	FREQUE : LOW	CRITICALITY: HI			
T1 3.2.17.1		PERFORM TCS. Air-To-Ground clearance*	Communicating ad Via TCS *amended takeoff					
11.3.2.18	ISSUE TAK	EOFF CLEARANCE	CANCELLATION	.,				
	TASK	. TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI			
T1.3.2.18.1		PERFORM TCS.	Communicating nd Via TCS *clearance n*					
11.3.2.19	OBSERVE A	ABORTED TAKEOFF						
· 			COORU MEDIA:	FREQUENCY: LOW	CRITICALITY: 31			
T1.3.2.19.		INTEGRATE pos	sition and movement of craft with clearance		·			
T1.3.2.19.2			ported tukeoff					
T1.5.2.20	PECEIVE N	NOTICE OF TAKEOR	DFF					
	TASK	. TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LON	CRITICALITY: HI		<i></i>	
T1.3.2.20.1	·•	Communication	Receiving TCS G/G ons *takeoff* O				•	

			ement Report		
TASK NUMBER /	TASK STATEMENTS / D AND TASK ELEMENT STATEM	ATA			NQ. OF
ELEMENT NUMBER		ENTS		OBJECTS	OBJECT:
1.3.2.20 F	RECEIVE NOTICE OF TAKEOFF	~			
	TASK TYPE: R/VC CO	ORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI (Continued)	
1.3.2.20.2	PERFORM TEM M.1, R *takeoff*	-			
1,3,2,21	OBSERVE TAKEOFF DIRECTLY				
	TASK TYPE: R CC	ORD MUDIA:	FREQUENCY: HI	CRITICALITY: HI	
1.3.2.21.1	INTEGRAIE aircraft with cleared takeof	position and motion f			
1.3.2.21.2	RECOGNIZE successfu	ıl take∵ff			
1.3.2.22	OBSERVE TAKEOFF ON SITUATION (*	
	TASK TYPE: R/A CU	OORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
1,3.2.22.1		tion_Symbol and n Situation Display	Tar Ful	get_Position_Symbol 1_Data_Block uation	1
11.3.2.22.2	RECCGNIZE successfo	ıl takeoff			
11.3.2.23	ISSUE TAXI INSTRUCTIONS				
	TASK TYPE: VC C	CORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
T1.3.2.23.1	PERFORM TCS, Comm Air-To-Ground Via instructions*				
T1.3.2.24	TRANSFER FUE TO OTHER CONTROL				
	TASK TYPE: E C	CORD MEDIA: F	FREQUENCY: LOW	CRITICALITY: MED	
T1.3.2.24.1	INITIATE _Pos-To-P message			s-To-Pos_Transfer_Of_Data	1
T1.5.2.24.2	INDICATE _Flight_I	dentification	Fli	ight_Identification	1
T1.3.2.24.3	INDICATE _Receivin	g_Position	Rec	cerving_Position	1
11.3.2.24.4	EXECUTE _Pos-To-Pc message	s_Transfer_Of_Data	Pos	s-To-Pos_Transfer_Of_Data	1
11.3.2.24.5	DETECT disappearan _Flight_Data_Entry _Flight_Data_Displ	from		ight_Dato_Entry ight_Dutu_Cispluy	1 1
T1.3.2.25	FORWARD NOTICE OF DEPARTURE				
	TASK TYPE: E/VC C	OORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
T1.3 2.25.1	PERFORM TEM M.2, *departure notice*				
T1.3.2.25.2	C PERFORM TCS, Init Communications *a	eparture notice*			
T1.3.2.26	DIRECT PILOT TO CONTACT ACF	-			
	TASK TYPE: VC C	OORD MEDIA: V	FREQUENCY: HI	CRITICALITY: HI	
T1.3.2.26.1	PERFORM TCS, Com⊤ Air-To-Ground Viu controller*				

		Task Element Report			
TASK NUMBER /	TASK STATEMENTS / DATA / AND				NO. OF
ELEMENT NUMBE				OBJECTS	08JECTS
T1.3.2.27	OBSERVE DISPLAY OF AIRCRAFT AWAITING TAKEOF				
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY:	r.om	CRITICALITY: MED	
T1.3.2.27.1	*SCAN locations of targets on Airport Surface Detection Equip play possibly representing local aircraft awaiting takeoff cleare	oment_Dis tion of		ort_Surface_Detection_Equipment_Display	1
T1,3.2.27.2	*INTEGRATE positions of ASDE to into mental traffic picture	rgets			
T1.3.2.27.3	IDENTIFY ASDE target representing to clearance	ūkeoff			
T1.3.2.28	OBSERVE DISPLAY OF ABORTED TAKEOFF				
	TASK TYPE: R/A CGORD MEDIA:	FREQUENCY:	LOM.	CRI-ICALITY: HI	
71.3.2.28.1	INTEGRATE position and movement target on _Airport_Surface_Dete Equipment_Display representing aircraft with cleared takeoff	of ction	Airo Disp	ort_Surfoce_Detection	1
T1.3.2.28.2	RECOGNIZE aborted takeoff				
71,3.3.1			~~~~~	,	
	TASK TYPE: R COORD MEDIA:	FREQUENCY:	MED	CPITICALITY: HI	
11,3,3,1,1	DFTECT new _Flight_Data_Entry i _Arrival_List _A/O		Flia	ht. Dato_Entry vol_(1st	1
71.3.3.1.2	DETECT new _Full_Data_Block on Display	Situation	Full	_hato_Block	1
T1.3.3.1.3	INTEGRATE new aircraft arrival information into mental traffic				
11,3.3.2	RECEIVE PILOT REQUEST FOR LANDING INSTRUCT	IONS			
	TASK TYPE: VC COURD MEDIA: V	FREQUENCY	: .:I	CRITICALITY: HI	
T1.3.3.2.1	PERFORM (CS, Communicating Air-To-Ground Via TCS *pilot r for lending instructions*	equest			
11.3.3.3	ENIER FLIGHT PLAN				
	TASK TYPE: E COURD MEDIA:	FREQUENCY	. MED	CRITICALITY: HI	
T1.3.3.3.1	INITIATE Flight Flan message		Flig	ht_P!on	1
т1.3.3.3,2	INTRODUCE _Callsign		Coll	lsign	i
T1,3.3.3.3	NINTRODUCE flight plan informate required*	มาก *as			
T1.3.3.3.4	EXECUTE _51.ght_Plan message		Flig	ght_Plan	1
11.3.3.3.5	RELOGNIZE new _Flight_Dota_Entr _Flight_Dota_O.splay _*results plan_message*			ght_Data_Entry ght_Data_Display	1

	Task	Element Report		
TASK NUMBER	TASK STATEMENTS / DATA / AND			NO. OF
ELEMENT NUMBI			OBJECTS	CBJECTS
T1.3.3.4) — 安全 · · · · · · · · · · · · · · · · · ·	
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: HI	CRITICALITY: HI	
T1.3.3.4.1				
T1.3.3.4.2	PERFORM TCS, Communicating Air-To-Ground Via TCS *initial land: instructions*	ing		
T1.3.3.5	OBSERVE DISPLAYS FOR PERTINENT INFORMATION ON A	RRIVAL AIRCRAFT		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI	CRITICALITY: HI	
T1.3.3.5.1	EXTRACT Full Data Block _Track Position_Symbol from _Data_Rloon Situation Display *approaching lancing aircraft* A	ock Tro	ll_Oata_Block ack_Position_Symbol ta_Block	1 1 1
T1.3.3.5.2	EXTRACT_flight_Dota_Entry on _flight_Dota_Display *approaching landing aircrafta*		ight_Data_Entry ight_Data_Display	1
T1.3.3.5.3	INTEGRATE into mental picture aircra information pertinent to landing instructions	ift		
T.,3,3.6	RECEIVE PILOT REQUEST FOR CLEARANCE TO LAND			·
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: HI	CRITICALITY: HI	
T1.3.3.6.1	PERFORM TCS, Communicating Air-To-Ground Via TCS *pilot reques for landing clearance*	st		
T1.3.3.7	CONTACT PILOT TO VERIFY ARRIVAL INTENTIONS			
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
T1.3.3.7.1	PERFORM TCS. Communicating Air-To-Ground Via TCS *request and receipt of arrival intentions*			
T1.3 3 8	DETERMINE SAFENESS FOR LANGING		·	
	TASK TYPE: A COORD MEDIA:	FREQUENCY: HI	CRITICALITY: HI	
11,3,3,8,1	RECOGNIZE target on Airport Surface Detection Equipment play *aircraft landing position and movement*	t Dis	irport_Surface_Detection_Equipme	ent_Oisplay 1
T1.3.3.8.2	RECOGNIZE presence of factors potentially influencing landing safe	ety		
T1.3.3.8.3	ASSESS factors potentially influenc landing safety	ing		
1,.3.3.8.4	DECIDE safeness for aircraft landing			
11.3.3.9				~~~~
•	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
T1,3.3.9.1	RECOGNIZE factor warranting a chang landing instructions	je of		

		Task El			
TASK NUMBER /	TASK STATEMEN' AND				NO. CF
ELEMENT NUMBE	R TASK ELEMENT :			OBJECTS	OBJECT
	ISSUE CHANGE OF LANDING				
	TASK TYPE: VC	COURD MEDIA: V	FREQUENCY: LOW	CRIFICALITY: HI (Continued)	
11.3.3.9.2		nge of landing instruction			
71.3.3.9.3	PERFORM TCS. Air-To-Ground londing instr	Via TCS *change of			
Γ1.3,3.1ð	ISSUE CLEARANCE FOR AIRC	RAFT TO LAND OR CLEARANCE			
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: H1	CRITICALITY: HI	
T1.3,3,10,1	FORMULATE lan				
(1.3.3.10.2	0 FORMULATE cle	arance for landing option			
T1:3.3.10.3		Communicating Yia TCS *landing/ option	ו		
"1,3,3,11	RESSIVE NOTICE OF AIRCHA	FT EXECUTING LAMDING/ OPT			
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: MED	CRITICALITY: HI	
T1.3,3,11.1		Communicating Via TCS *pilot report of n execution*	f	- ·	
	OBSERVE AIRCRAFT EXECUTI				
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: MED	CRITICALITY: HI	
T1.3.3.12.1		craft execution of approve n *direct observation*	ed		~
	ISSUE GO AROUND				
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
71.3.3.13.1		o inform pilat to go crow			
T1,3.3.15.2		Communicating Via FCS *instruct pilot -			
11,3,3,14		INITIATED MISSED APPROACH		10-GO/ STOP-AND-GO	
	TASK TYPE: VC	COURD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
T1,3,3,14,1	Air-To-Ground	Communicating d Via TUS *pilet report o ach, go around, touch and and go*	f		
T1.3.3.14.2	OBSŁ?VE airci	raft position and heading			
T1.3,3.14.3		ot report plus dircraft heading into mental uraff	ic		
11.3.3.15	- -	SSED APPROACH/ GD AROUND/	TOUCH-AND -GG/ STOP-AND	νύ-sn	
	TASK TYPE: E/VC	COURD MEDIA: W/F/M	FREQUENCY: LOW	CRITICA;.ITY: HI	
11.3.3.15.1	INITIATE MI	ssed Approach message	MI	ssed_Approach	1

		Task Elem	ent Report	-				·
TASK NUMBER /	TASK STATEMENTS AND	/ DATA						NC. CF
ELEMENT NUMBE		TASK ELEMENT STATEMENTS OBJECTS					CBJECT	
T1.3.3,15	INFORM CONTROLLER OF MISSED	APPROACH/ GO AROUND/ TOU	CH-AND-GO/ S	1 OP -	AND-GO			
	TASK TYPE: E/VC	COORD MEDIA: V/F/M	FREQUENCY:	LCM		CRITICALITY: HI	(Continued)	
T1.3.3.15.2	INDICATE _Flight	_Identification		F	lignt_	Identification		1
r1,3,3,15-3	EXECUTE _Missed_	Approach message		M	issed_	Approach		1
71.3.3.15.4	RECOGNIZE _Misse	d_Approach results		M	issed_	Approach		1
T1.3.3.15.5	PERFORM TEM M.2. *return of contr O							
T1.3.3,15.6		itioting TCS G/G *return of control*						
T1.3.3.16	DIFECT PILOT TO CONTACT GRO	CONTROL					- 	
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY:	ΗI		CRITICALITY: HI		
11.3.3.16.1	RECOGNIZE pilot	has landed						
T1.3.3.16.2	PERFORM TCS. Co Air-To-Ground Vi contact Ground (ia TCS *instruction to						
	ENTER RUNWAY ASSIGNMENT FOR	R AIRCRAFT			- -			
	TASK TYPE: E	CCORD MEDIA:	FREQUENCY:	LC.1		CRITICALITY: MED		
T1.3.3.17.1	*INITIATE _Research	ay Assignment message Pennide ablomblic system				_Assignment		1
T1.3.3.17.2	INTRODUCE _Flig	nt_Identification		F	light	_ldentification		1
T1.3.3.17.3	INTRODUCE _Runw	зу		F	lunway			1
T1.3.3.17.4	EXECUTE _Runway *assign*	_Assignment message		F	Runway	_Assignment		1
T1.3.3.17.5	RECOGNIZE _Runw	ny_Assignment results		1	ganway	_Assignment		1
T1.3.3.18	OBSERVE DISPLAY OF AIRCRAF	f EXECUTING LANDING/ OPTIC						~~~ ~~
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY:	LOW		CRITICALITY: HI		
T1.3,3.18.1		t on e Detection_Equipment_Dis Tanding position and			Airpor	t_Şurfaçe_Detecti	on_£ċnībwent_DīsbjaA	1
T1.3.3.19	√ERIFY PILOT HAS CURRENT A						~	
-	TASK TYPE: R/A/VC	COORD MEDIA: V	FREQUENCY:	FCM		CPITICALITY: MED	1	
T1.3.3.19.1	_Identification _Character	de received with _Of_Message_By_Alphabetic			Identi	fication_Of_Messa	ge_By_Alphabetic_Cha	ra 1
11.3.3.19.2	A/O PERFORM TCS, C	ownunicating ia TCS *latest ATIS						
T1.3.3.19.3	DECIDE pilot ha information	s current ATIS						

			Task Elem	ent Report			
TASK NUMBER /		TASK STATEMEN AND					NO. CF
ELEMENT NUMBER	R	TASK ELEMENT				OBJECTS	OBJECTS
1.3.3.20	ISSUE AMEND	ED CLEARANCE	FCR LANDING/ OPTION		·	*******************************	
	TASK ï	YPE: VC	COORD MEDIA: V	FREQUENCY:	LOW	CRITICALITY: HI	
11.3.3,20.1			nded clearance *for r a landing option*				
71.3.3.20.2		PERFORM TCS, Air-To-Ground option cleara	Communicating Via TCS *amended landing/ nce*				
11.3.4.1	RECEIVE MOT	TICE OF AN INT	RUSION INTO AIRSPACE/ MOVEME	NT AREA BY	NGM-CCM	TROLLED OBJECT	
	TASK T	TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY:	LOM	CRITICALITY: HI	
T1.3.4.1.1		PERFORM TEM M *non-controll	1.1, Receiving ATC Mail ed object*				
T1.3.4.1.2		Communication	Receiving TCS 6/G ns *non-controlled object.*				
T1.3.4,2			SPACE/ MOVEMENT AREA INTRUSIC			D OBJECT	
	TASK 1	TYPE: R/A	COORD MEDIA:	FREQUENCY:	LOW	CRITICALITY: HI	
71.3.4.2.1		SÇAN tower ai	rspace				
T1.3.4.2.2		into controll					
T1,3.4,2,3		SCAN visible	girport surface				
T1.3 4.2.4		*venicle, ani	controlled object imal, debris, etc.* to movement orea				
11,3.4,3	OBSERVE ON	DISPLAY AN IN	NTRUSION INTO AIRSPACE/ MOVE	MENT AREA BY	NON-CC	NTROLLED OBJECT	
	TASK	TYPE: R/A	COORD MEDIA:	FREQUENCY:	FCM	CRITICALITY: HI	
T1.3.4.3.1			pet_Position_Symbol led object* intruding into irspace		Tar	get_Position_Symbol	1
11.3.4.3.2		_Airport_Vide _Airport_Surf y showing int	oraft/Vehicle_Redar_Data and eo_Map on face_Detection_System_Displa brusion of non-controlled controlled movement area		Air	craft/vehicle_Rodor_Data port_Video_Map port_Surface_Detection_System_Display	1 1 1
T1.3,4,4	FORWARD NO	TICE OF AN AIR	RSPACE/ MOVEMENT AREA INTRUS	ION BY A NON		CLED OBJECT	
	TASK	TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY:	LOM	CRITICALITY: HI	
T1,3,4,4,1		PERFORM TEM M	M.2, Sending ATC Mail led object*			·	
11.3.4.4.2		PERFORM TCS, Communication	D Initiating TCS G/G ns *non-controlled object*				
11.3.4.5			OBJECT PROGRESS			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	TASK	TYPE: R/A	COORD MEDIA:	FREQUENCY:	ſOM	CRITICALITY: HI	
11.3.4.5.1					Tar	rget_Position_Symbol	5

		Tosk Elem	ent Report		
TASK NUMBER /	TASK STATEMEN AND				NO. CF
ELEMENT NUMBER	TASK ELEMENT	STATEMENTS		OBJECTS	OBJEC19
T1.3.4.5 0	OBSERVE NON-CONTROLLED (OBJECT PROGRESS			
	TASK TYPE: R/A	COORU MEDIA:	FREQUENCY: LOW	CRITICALITY: HI (Continued)	
11.3.4.5.2	INITIATE _Tre			rack	1
T1.3.4.5.3	INDICATE _F1 non-control1	light_Identification *for led object*	F.	light_Identification	1
T1.3.4.5.4	INDICATE _Tr	rack_Action *start*	T.	rack_Action	1
T1.3.4.5.5	INDICATE _Tr	rack_Start_Position	T·	Track_Start_Position	1
11.3.4.5.6	EXECUTE _Tro	ıck message	T	Frack	1
T1.3.4.5.7	*results of	earonce of _Data_Block trackmessage* A/O	O _r	Oato_Block	1
T1.3.4.5.3	*EVALUATE re _Aircraft/Ve _Airport_Sur iplay to pat	A/U elationship of ehicle_Radar_Dataon rface_Detection_Eapuipment_Ds th of non-controlled object A/O	A;	Aircraft/Venicle_Rudar_Dotaon Airport_Surface_Detection_Eqpuipment_Csi	5 uplay 1
T1.3.4.5.9	EVALUATE rel	lationship of directly renactly venicles to path of			
T1.3.4.6	INFORM P!LOT/ CPERATOR	WHEN CLEAR OF NON-CONTROLLED	OBJECT		
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED	
Г1.3.4.6	Air-1o-Groun	. Communicating nd *advising direroft/ ar of non controlled object*			
11.3.4.7	ISSUE ADVISORY IN REGAF	RD TO NON-CONTROLLED OBJECT IN	N AIRSPACE/ MOVEM	1ENT AREA	
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: H!	
T1.3.4.7.1	Air-To-Groun	, Communicating and Via TCS *notice regarding non-controlled object*		,	
T1.3.5.1 f	RECEIVE NOTICE OF IMPO	SED AIRSPACE/ MOVEMENT AREA RE	ESTRICTION		
I	TASK TYPE: R/VC			CRITICALITY: MED	
T1,3.5.1.1		1 M.1. Receiving ATC Mail airspace or movement area			
T1.3.5.1.2	Communication movement are	0 5. Receiving TCS G/G lons *notice of dirspace or rea restriction*			
71.3.5.1.3	OBSERVE Spe on Situation boundaries,	O pecial_Use_Airspace activation ton_Display *identification, , activation period, altit atrolling agency*	c.	Special_Use_Airspace Situation_Display	1
T1.3.5.2	DETERMINE IMPACT OF AI	IRSPACE/ MOVEMENT AREA RESTRIC	CTION ON AIRCRAFT	MOVEMENT	
	TASK TYPE: A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T1.3.5,2.1		vallable alternative routes estricted airspace or movement			

	Task Flem	ent Report		
TASK NUMBER /	TASK STATEMENTS / DATA			NO. CF
ELEMENT NUMBE			OBJECTS	OBJECT
1,3.5.2	DETERMINE IMPACT OF AIRSPACE/ MOVEMENT AREA RESTRICT			
	TASK TYPE: A COORD MEDIA:	FREQUENCY: LUN	CRITICALITY: MED (Continued)	
1.3.5.2.2	ASSESS likely traffic needs during time of cirspace or movement area restriction			
11,3.5.2.3	ASSESS adequacy of alternotive traffic routes for period of dirspace or movement area restriction			
11.3.5.3	ISSUE INSTRUCTIONS RESTRICTING AIRCRAFT ACTIVITY IN	AFFECTED AIRSPACE/	MOVEMENT AREA	
	TASK TYPE: VC CGORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
T1.3.5.3.1	PERFORM TCS, Communicating Air-To-Ground Via TCS *instructionsrestricting aircraft activity in particular airspace or movement area*			
71.3.6.1	REQUEST TEMPORARY RELEASE OF AIRSPACE/ MOVEMENT AREA	1		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	•••
11.3.5.1.1	DECIDE need for temporary use of another's dirspace or movement area			
T1.3.6.1.2	PERFORM TEM M.2, Sending ATC Moil *request temporary release of dirspace or movement area* 0			
71,3,6,1,3	PERFORM TCS, Initiating TCS G/G Communications *request temperary release of airspace of movement area*			
T1.3.6.2	RECEIVE RELEASE/ USE OF AIRSPACE/ MOVEMENT AREA			
	TASK TYPE: R/VC CCORD MEDIA: V/M	FRE QUENCY: LOW	CRITICALITY: MED	
T1.3.6.2.1	PERFORM TEM M.1. Receiving ATC Mail *acceptince of request for release/ use of airspace or movement area* 0		·	- 7
11.3.6.2.2	PERFORM TCS. Receiving TCS S/G Communications *acceptance of request for release/ use of airspace or movement area*			
T1.3.6.3	RECEIVE DENIAL OF USE OF AIRSPACE/ MOVEMENT AREA			
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T1.3.6.3.1	PERFORM TEM M.1. Receiving ATC Mail *airspace or movement area release rejection*	7	······································	
11.3.6.3.2	O PERFORM TCS, Receiving TCS G/G Communications *airspace or movement grea release rejection*			
T1.3.6.4	FORWARD NOTICE OF RETURN OF RELEASED AIRSPACE/ MOVE	MENT AREA		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: LCW	
T1.3.6.4.1	PERFORM TEM M.2. Sending A1C Mail *return of temporarily released tower airspace or movement area*			

			iask Elem	ent Report			
TASK NUMBER /		TASK STATEMENTS AND	/ DATA				NO. OF
ELEMENT NUMBER	₹ .	TASK ELEMENT ST	ATEMENTS			OBJECTS	OBJECTS
1.3.6.4 F	ORWARD NOT	ICE OF RETURN O	F RELEASED AIRSPACE/ MOVEM				
	TASK T	YPE: E/VC	COORD MEDIA: V/M	FREQUENCY:	F0M	CRITICALITY: LCN (Continued)	
1.3.6.4.2	1	Communications	nitiating TCS G/G *return of temporarily airspace or movement			·	
1.3.6.6	DELETE REMI	NDER OF TEMPORA	RY MOVEMENT AREA RELLASE				
	TASK T	YPE: E	COORD MEDIA:	FREQUENCY:	MED	CRITICALITY: HI	
1.3.6.6.1		INITIATE _Delet ea_Release moss	e_Reminder_Of_Movement_Ar age		Dele	te_Reminder_Of_Movement_Areo_Release	1
11.3.6.6.2		EXECUTE _Delete _Rclease_messag	_Remnder_Of_Movement_Area e		Dele	te_Remnder_Of_Movement_Area_Release	1
1.3.6.6.3		DETECT change o Status in _Remi	f _Movement_Area_Release_ .nder_Movement_Area_Diagra			ment_Areo_Release_Status nder_Movement_Areo_Diagram	1
Γ1.3.7.1	RECEIVE REC	UEST FOR TEMPOR	RARY RELEASE OF AIRSPACE/ N	OVEMENT ARE	 A		
	TASK T	YPE: R/VC	COORD MEDIA: V/M	FREQUENCY	LCM	CRITICALITY: MED	
71.3,7,1.1		PERFORM TEM M. *request for to airspace or of	I, Receiving ATC Mail emporary use of tower				
11.3,7,1.2		${\tt Communications}$	Receiving TCS G/G *request for temporary urspace or of movement				
77.3 .2	DISCUSS REL	EASE OF AIRSPA	CE/ MOVEMENT AREA WITH SUP	ERVISOR/ OTI	ER CONTI	ROLLER	
	TASK	TYPE: A/VC	CCORD MEDIA: V	FREQUENCY	: LCM	CRITICALITY: MED	
11.3.2.2.1			discuss dirspace or			~=_~ ***	**
71.3.7.2 2		Communications airspace or mo	Initiating TCS G/G *temporory release of vement area*				
*1.3.7.2.3		PERFORM TCS. Communications airspace or mo	Receiving TCS G/G *temporary release of vement areu*				
1,3,7,3	FORWARD AP	PROVAL FOR TEMP	ORARY USE OF AIRSPACE/ MOV	EMENT AREA			
	TASK	TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY	: LOW	CRITICALITY: MED	
T1.3.7.3.1		PERFORM TEM M. *approval of a release*	2. Sending ATC Mail irspace or movement crea				
11.3.7.3.2			Initiating TCS G/G *approval of airspace or release*				
T1. 3 .7.4	FORWARD DE	NIAL OF TEMPORA	RY USE OF AIRSPACE/ MOVEME	NT AREA			
	TASK	TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY	: LOW	CRITICALITY: MED	
T1.3.7,4.1		DECIDE airspac	e or movement area release				

	Task Eler	ment Report		
TASK NUMBER ELEMENT NUMB	TASK STATEMENTS / DATA / AND ER TASK ELEMENT STATEMENTS		OBJECTS	NO. 08 08UE31
1.3.7.+	FCRWARD DENIAL OF TEMPORARY USE OF AIRSPACE/ MOVEMEN			·
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
1,3.7,4.2	PERFORM TEM M.2, Sending ATC Mail *derial of airspace or movement area release*			.=
1,3.7.4.3	O PERFORM TCS, Initiating TCS C/G Communications *denial of airspuce or movement area release*			
11.3.7.5	RECEIVE RETURN OF AIRSPACE/ MOVEMENT AREA TEMPORARI	LY RELEASED	·	
	TASK TYPE: R/VC COURD MEDIA: V/M	FREQUENCY: LON	CRITICALITY: LOW	
T1.3.7.5.1	PERFORM TEM M.1. Receiving ATC Mail *notice of airspace or movement area return* 0			
T1.3.7.5.2				
T1.3.7.6	EVALUATE FEASIBILITY OF RELEASING AIRSPACE/ MOVEMEN	IT AREA TEMPORARILY		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LCW	CRITICALITY: LCM	
T1.3.7.6.1	ACQUIRE Target_Position_Symbol and	i√e¢	nget_Position_Symbol pither_Descriptor Luotion_Disploy	15
T1.3.7.6.2	A/O ACQUIRE Flight Dota Entry and Time on Flight Dota Display for information pertaining to release of airspace/ movement area	Tir	:ght_Cata_Entry ne :gnt_Cata_Disp:ay	32 1
T1_3.7_6.3	SYNTHESIZE aircraft and time information into a mental traffic picture with regard to approving release of dirspace/movement area			
T1.3.7.6.4	DECIDE feaibility of temporarily releasing airspace to another controller			
T1,4,1,1	RECLIVE CONTROLLER REQUEST FOR CLEARANCE/ APPROVAL			
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: MED	CRITICALITY: MED	
T1.4.1.1,1	PERFORM TEM M.1, Receiving ATC Mail *clearance/approval request* O		••••••••••	
T1,4.1,1,2	PERFORM YCS, Receiving YCS G/G Communications *clearance/approval request*			
T1.4.1.2	RECEIVE IFR CLEARANCE REQUEST FROM PILOT		• • • • • • • • • • • • • • • • • • • •	
	TASK TYPE: VC CUORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED	
T1,4.1.2.1	PERFORM TCS, Communicating Air-To-Ground Via TCS *IFR clearance request*		-	

		Task El	ement Report	- -		
TASK NUMBER /		EMENTS / DATA AND				NO. OF
ELEMENT NUMBE		ENT STATEMENTS			OBJECTS	08JECT
1.4.1.3	RECEIVE SPECIAL VFR	REQUEST FROM PILOT				
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY:	_OM	CRITICALITY: MED	
1.4.1.3.1	Air-To-Gr	CS, Communicating ound Via TCS *special VFR request*				
1,4,1,4	RECEIVE TCA/ TRSA/ #	ARSA REQUEST FROM PILOT				
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY:	L CN	CRITICALITY: LOW	
1, 4, 1, 4, 1	Air-To-Gi	TCS, Communicating round Via TCS *TCA/TRSA/ ARSA request*				
1.4.1.5	REQUEST BEACON CODE					
	TASK TYPE: E/F	R CCORU MEDIA:	FREQUENCY:	r CM	CRITICALITY: LGN	
1,4,1,5,1	INITIATE nt messo	_Discrete_Code_Request/Assignm ge	ne	Oiso	crete_Code_Request/Assignment	1
1.4.1.5.2	INDICATE	_Flight_Identification		Flig	gnt_!dentification	1
1.4.1.5.3	ExECUTE t messag	_Discrete_Code_Request/Assignmu e	en	Disc	crete_Code_Request/Assignment	1
1.4.1.5.4	=begcon	E_Discrate_Code_Request result code transmittal*		0150	crete_Code_Request	1
1.4.1.5.5	EXTRACT Limited Situation	Mode_37A_Seucon_Code_form Cota_8lock_in_Data_8lock_of Olse.oy		Lim:	e_3 A_Beacon_Code Ted_Data_Block a_Block	1 1
`.~ ` 5	ASSIGN BEACON DODE					
	TASA TYPE: VO	COORD MEDIA .	FREQUENCY:	L ON	CRITICALITY: LCW	
1 <u>2 7 </u>	ଜଣିଖ ଅଟନ	TCS, Communicating round via TCS Headon code	**********	•••••	•••••••••••••••••••••••••••••••••••••••	
• • • • • • • • • • • • • • • • • • • •	Fileson Cessine 9	EQUEST TO ANOTHER CONTROLLER				
	. 34. AST.	.C ∠103# CROCC 9.	FREELENCY.	4£ 0	CRITICALITY: MED	
		TEM M 2 Sending ATO Mod . Clear once approval request?				·····
	Community:	175, Instituting 165 8.9 atlans offenbard clearance, requests				
- 1 4	PEC EST CLEARANCE	APPROVAL FROM ANCTHER CONTROL.	£ ?			
	3 394" AZA"	M v AICEM CROCC DV	FREQUENCY	MED.	CRITICALITY: MED	
1.4 1.8.1		TEM M 2. Sending ATC Mail ce request* A.O				
11.4.1.6.2	PERFORM Communic	fCS, Initiating TCS 3.3 ations *clearance request*				

			idsk tle	ment Report		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
TASHINUMAER ELEMENTINUMBE	Ř	TASK STATEMENTS CAR TASK SUBMENT ST			C.f	BUFCTS	NO. GE OBJECT
				100M MAT.CO 60			
· . • . · . Þ	_		/ CLEARANCE RESTRICTIONS COORD MEDIAL V/M			N CRITICALITY: MED	
			Receiving ATO Ma			- CR. 1. CAC. 117: PICU	
1.4,1.9.1		Malearance appr A/0	oval, restrictionus				
**.4.*.9 .2			Receiving TOS R.S Indlearance uprnoval,				
	PECEIVE C.	FARANCE DISAPPRO	NALIT DENIAL FROM ANOTHER	CONTROLLER			
	'ASA	TYME: RING	DOCAD FIGURE MAM	FREQUENCY: LC	ħ	CRITICALITY, MED	
ารและการ สั นกา		PERFORM TEM M. Molegrance nege A/6					
T.4.1.18.1		PERFORM TOS. 1	eculving TOS G/S -*aleannace negections				
	REVIEW FOT	ENTIAL IMPRUIMEN	ITS FOR IMPACT ON PROPOSED	CLEARATICE			
	TASK	YVPI: R/A	COCHO MEDIA:	FREQUENCY: ME		CRITICALITY MED	~=
⁷⁷ ,#,1,11,1		SEARCH _Struct dinuncte, or of of proposed the Azi			Situot	ion_Display	•
.*.*..2		*CEARCH Elicon			Specie	_Cota_Display {_Lists _Environmenta}_Ana_Status	1
11.4,1,11.3		ASSESS project Fight Plan	ed impacts on proposed				
``	RECEIVE A	TERMATE GUGGEST	ICH FOR CLEARANCE/ APPROVI	AL REGUESTED OF	ANOTHER	CON TROLLER	
	TAGK	TYPE: R/VC	COORD MEDIA: V/M	FRE (JENOV: LO	ж Ж	CRITICALITY: MED	
71,4,1,12,1			1. Receiving ATC Mail learance suggestions				
10401012 [PERFORM TOS,	Reserving TCS G/G Reservative claurance				
1,4,1,13	DETERMINE	APPROPRIATE AC	"IN FOR AIRCRAFT CLEARANC	E.			····
	TASK	: 3 ^{qV}	CGOR, MEDIA:	F YOALQBEL	1	CPTTICALITY: MCD	
1.4.1.13.1		SYNTHESIZE ???	??. Truffic Fictors				
11,4,1,15.2		FORMULATE pote clearance	rt.ux not in for parcraft				
11,4,1,11,3		AUSESS impost traffic flow	of potential alearance on				
Mark -		• • • • •	ther pirchaft olrename impact on traffic flow				
11.4 1,13.5		DECIDE on air o	roff claurence to issue				

		Task Elem	ent keport			
TASK NUMBER ELEMEN) NUMBER	TASK STATEMENTS AND TASK ELEMENT S				CBJECTS	NO. OF CBJEC'S
11.4.2.1 Ro	ECEIVE NOTICE OF SPECIAL	. CONDITION/ EMERGENCY	•	-		
	TASK TYPE: R/VC	COCRD MEDIA: V/M	FREQUENCY:	F Of 1	CRITICALITY: HI	
"1.4.2.1.1	PERFORM TEM M.	.1, Receiving A1C Moil				
71,4,2,1,2	PERFORM TOS, E Communications problemm	Receiving TOS G/G s *notice of directoft				
71.4.2.1.5	0 PERFORM TCS, Air-To-Ground 1 eircraft prool A/	Communicating Via TCS *pilot natice of lem*				
77,4,2,3,4	DETECT emphasi in _full_Data_	ized Excention Beacon Code Block of Situation Display presence of special			ention_Beacon_Code 1_Cata_Block	1
71.4.2.1.5	alert ∓nd Res	oft_Emergency on solution Display =₩ith and _ExCeption_Bencon_Code		∆ler	chaft_Emengerov nt_Arg_Resolution_Dispip. eption_Seanon_Code	1
11.4.2.1.6	INT GRATE info conqilion on e	ormation regarding special emergency				
71.4.2.2 P	SHOST VE PRESENCE ON SPEC	CIAL CONDITION. EMERGENCY AL	URALLY			•
	TACK TYPE: A/VC	COORD MEDIA: V	FREQUENCY:	LO.	CRITICALITY, HI	
11.4.0 0 1		Communicating //is TCS -matter ernatio cation temaviorm			-	
71,4.2.3	ORMARO SPECIAL CONCITION	N/ EMERGANOM INFORMATION TO	SUPERVISOR,	31HER	CONTROLLER	
	TAGK TYPE: E.VO	SCORO MEDIA: V/M	FREQUENCY:	LO.	CRITICALITY: 61	
71.4.2.3.3	PERFIRM 1214 M. Moor tingency :					
** 4.2.7 2	PERFOR	y U Tritiating TCS G.G is =confingency				
71.4 2.4	IN SHIR PILOTY MEHICLE OPT	PERATOR OF REMORMAL ACRORAGE.	EHIOLE CO		·	
	TYSK TYPE: VC	COCRD MEDIA: V	PREQUENCY:	ror	CRITICALITY, AI	
**.* / % *	Air -To-Ground	Communicating Via TCS =contingercy o filot or ground lenicle og procleme				
** 4.0,5		DENTIFICATION OF NORCO TOVER				·
		COOKO MEDIA:	FREQUENCE:	. 	GRITICALI`V. H1	
1.4.2.5.1				Tor	con_Cobe get_Position_Symbol abtion_Disrlb,	:
*1.4 2.5 2	PERFORM TOS,	Communicating 1 /io TCS =rodiu request				

	losk ble	ment Report		
TICK NIMOCO (TASK STATEMENTS / DATA			NO 05
TASK NUMBER / ELEMENT NUMBER	AND TASK ELEMENT STATEMENTS		OBJECTS	NOL OF CBUEDTS
1.4.2.5 CONQUE	T VISUAL/ RADAR IDENTIFICATION OF NORDO/ OVER	DUE AIRCRAFT		
	ASK TYPE: R/A CCCRD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI (Continued)
1.4.2.5.3	PERFORM TCS. Ensuring TCS Guard A'G Communications *rodio request for response*			
1,4,2,5,4	SEARCH airspace/ movement areas for aircraft presence A/O			
1.4.2.5.5	#DETECT dindraît response to identification request			
11.4 2.5.6	CECIRE aircraft status *overdue, NORDO, presence*			
11.4.2.6 DECLAR	RE EMERGENCY AND INTOKE CONTINGENCY PURN	•••••••••••		
	TASK TYPE:EIR/A/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HE	
11.4.2.8.1	OECICE if directaft emergency situation exists			
77.4.2 5.2	PERFORM TEM M.1, Secaing ATO Mail mexistence of emergency* A,0			
11,4,2,6,3	PERFORM TOS. Injulating TOS 3/6 Communications *existence of emergence.			
M.4.2.6.4	PERFORM TOS, Initiating TOS 3/3 Communications may require to implement contingend, planm			
11.4.2 T REUE:	VE SUPERVISUR NOTICE OF EMERGENCY DECLARED AN	C CONTINGENCY PLAN IN	a.eo	· • • • • • • • • • • • • • • •
	TASK TYPE: R/NO COORD MEDIA: //M	FREQUENCY: LOW	CRITICALITY: HI	
**.=.2.7.1	PERFORM TEM Mil. Receiving ATO Mail **emergency seclaration and foreir persy plan*			
thad to	PERFORM TOS. Receiving TOS 3/1 Communications remangency declaration and contingency plans			
**.=.2 * 3	INTEGRATE contingency plan anto mental traffic picture			
	w SONTINGENCY CHECKLIST ON STATIC DISPLAY			• • • • • • • • • • • • • • • • • • • •
	TASK TYPE: E.R.A. GOORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
 ** 4.2 6.*				·
4.⊾ 3.	INITIATE Display Static information message Fountingency bion breaklist*	0170	olow_Statist_forumetion	
T1.4 2 8 2	ExECUTE _Displa,_Static_Information message	Disc	play_Stateirrermat.cm	•
11.4 € €.3	CROSS-REFERENCE contingency plan checklist			
**.4.2.8.+	SYNTHESIZE untringency_plon_checklish information into a mental traffic pictur		get ecklist	•
11.4.2.3 INFOR	M DESIGNATED PERSONNEL OF SPECIAL CONDITION."	EMERGENCY -		• • • • • • • • • • • • • • • • • • •
	TASK TYPE: E/YC COORD MEDIA AM		(RITICALITY, H)	
1,4,2,9.1	PERFORM TEM M.2. Sending ATC Mail *contingency information* A/O			• • • • • • • • • • • • • • • • • • • •

		Tosk Element Report		
TASK NUMBER /	TASK STATEMENTS / DATA AND			NO. CF
ELEMENT NUMBER	TASK ELEMENT STATEMENTS		0BJEC15	OBJECT
1.4.2.3 INFORM	DESIGNATED PERSONNEL OF SPECIAL (CONDITION/ EMERGENCY		
ΤA	SK TYPE: E/VC COORD MEDIA	: V/M FREQUENCY: LC	CRITICALITY: HI	(Continued)
71.4.2.9.2	PERFORM TCS, Initiating TCS Communications *contingency information*			
Til4.2.10 RECEIVE	NGTICE OF TERMINATION OF SPECIA			
T;	SK TYPE: R/VC COORD MEDIA	: Y/M FREQUENCY: LO	CW CRITICALITY: MED	
⊺1.⊶ 2.າປີ.:	PERFORM TEM M.1, Receiving *termination of special cond emergency*		•••••••••••••••••••••••••••••••••••••••	
71.4.2.18.2	FERFORM TCS, Receiving TCS Communications #termination condition/ emergency# 0			
71.4.2 18.3	PERFORM TCS. Communicating Air-To-Ground /id TCS *term special condition/emergency*			
71.4.2 11 FORWARD	DINOTICE OF TERMINATION OF SPECIA	L CONDITION/ EMERGENCY	· · · · · · · · · · · · · · · · · · ·	
7	ASK TYPE: E/NO COORD MEDIA	FREQUENCY: L	OH CRITICALITY: MED	
**:2.*1.*	PERFORM TEM N.2. Sending 41 "termination of special curd emengency"			
1 4 2.11.2	A/O MERHORM ICS, Initiating TOS Communications *termination condition/ emergency* C			
71.4 7.11.3	PERFORM TCS. Communicating Air-To-Ground Via TCS *term special condition/emergency*			
T1.4.0.12 CELETE	`			
7	ASK TYPE: R/A COORD MEDIA	FREQUENCY: L	OW CRITICALITY: HI	
11.4.2 12.1	SCAN specific direcaft/ vent obnormal condition	icle for		
11,4,2,12,2	RECOGNIZE cincraft/ vehicle condition	a. worwaj		
71 4.2 12 3	ASSESS seriousness of observ or vehicle aphormality	yed aircoft		
71.4.2 3 OBSERV	E TERMINATION OF SPECIAL CONDITION	DN/ EMERGENCY		
7	ASK TYPE: R/A COORD MEDIA		OW CRITICALITY: MLD	
11.4.2.15	RECOGNIZE termination of spi condition/ energency via di- abservation	ecial		
11.0.2 14 RECEIV	E PILOT NOTICE OF EMERGENCY DECL	CBAR		
7	ASK TYPE: VC COORD MEDI	A: V FREQUENCY: L	OW CRITICALITY: EXT	
11,4,2,14,1	PERFORM TCS, Communicating Air-To-Ground "pilot decla emergency"		···	

		Tosk Elem	ent Report			
TASK NUMBER	TASK STATEMENTS					NO. CF
ELEMENT NUMBI	ER TASK ELEMENT ST	TATEMENTS			DBJECTS	0938707
1,4 3.1	RECEIVE NOTICE OF SPECIAL					
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LO	W	CRITICALITY: MED	
1.4.3.1.1		i, Receiving ATC Mail dial operation*				
1.4.3.1.2	PERFORM TCS, F	Receiving TCS G/G ⊣4notice of special				
1,4,3,2	PERCEIVE PRESENCE OF SPEC					
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LO	W	CRITICALITY: MED	
1.4.3.2 1		cantCallsign		Colls	ign	1
1,4,3,2,2	0 DE!ECT signitio gle_Aircraft o	cont_Planned_Route_Of_Sin_ Route_Display		Ploane Route	ed_Route_Of_Single_Aircroft Display	1
1,4,3,2,3		Block of aircraft present L_Use_Airspace on		Limit	Oato_Block gc_Oato_Block pl_Use_Ainspace plon_Display	1 1 1 1 1
1,4,3 2,4	special nanali	Dota_Entry remarks for ng instructions		Fligh	L_Data_Entry	1
1,4,3,2 5	0 DEVECT aircraf special operat	t normally associated with ion				
1.4.3.3	INFORM OTHERS OF SPECIAL	DPERATION		·· •• ·· •		
	TASK TYPE: E/VC	CCCRD MUDIA: V/M	FREQUENCY: 1.0	71	CRETTUAL TIVE MED	
1.4.3.3.1	PERFORM 1€M M. ⊭special opera	2, Sending ATC Mail tions*				
F1.4.3.3.2	PERFORM FCS. Communications	Initiating G/C *specio ¹ *perations ¹				
17,4,3,-	MOTTAPSO JAIDER TOUCHCO	ACTIONS				
	TASK TYPE: TBO	CCORD MEDIA:	FREQUENCY, L	0W	CRITICAL, TY: MED	
11,4,3,4,1	INTESKATE _F11	ght_Lata_Entry and special fities inco mental traffic			t_'9a' a_Entry	32
71.4.3.4.2	*CROSS-REFEREN dinective	CE special operation				
1,4,3,4,3	DECIDE special required	operations dillions				
11.4.3.5	RECEIVE NOTICE OF TERMINA	TION OF SPECIAL OPERATION				
	TASK TYPE: R/VC	COORD MEDIA: V/M	FMEQUENCY: 1,	. 4	CRITICALITY: MED	
11.4.3.5.1		1, Receiving ATC Moil of special operation*				
11.4 3.5.2	PERFORM 1CS.	Recal ing TCS G/G . *termination of special				

		Task Elema	ent Report		
TASK NUMBER ELEMENT NUMB		/ CAIA		08JECTS	NO. OF OBJECTS
Γ1.4.3.6	ENTER TERMINATION OF SPECI	AL OPERATION			
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
1.4.3.6.1	INITIATE _Syste message	m_Status_Data_Change	Syste	em_Status_Data_Chonge	1
Γ1.4.3.6.2	INTRODUCE _Cata	_Category	Data	_Category	1
1.4.3.6.3	INTRODUCE _Text of special open	*reporting termination otion*	Te×t		1
11.4.3.6.4	EXECUTE _System message	_Status_Data_Chonge	Syst	em_Status_Datu_Change	1
Γ1.4.3.6.5	RECOGNIZE _Syst function result	em_Status_Data_Chonge s	Syst	em_Status_Data_Change	. 1
T1.41	RECEIVE FLIGHT PLAN AMENDM	IENT VERBALLY FORWARDED			
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LCW	CRITICALITY: MED	
11.4.4.1.1		eceiving TCS G/G *flight plan amendment*			
75.4.4.2	DETERMINE NEED FOR FLIGHT	PLAN AMENDMENT			~~~
	TASK TYPE: A	CCORD MEDIA:	FRIQUENCY: LOW	CRITICALITY: MED	~
11.4.4.2.1	ASSESS flight p	oath of aircraft			
*1.4.4.2.2	ASSESS applica	ion of preferential route			
11.4.4.2.3	ASSESS traflic	management restrictions			
11 6.4.2.4	DECICE need for	flight plan amenament			
T1,4,4.5	RECEIVE FLIGHT PLAN AMEND	MENT FROM COMPUTER		**************************************	
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: MED	CRITICALITY: MED	
71,4,4,3,1	SÇAN _Flight_0 omended _Fligh	ota_Display for emphosized t_Data_Entry	Fliq Fliq	ght_Data_Display gnt_Data_Entry	1
T1,4,4,3,2	DETEC: emohasi *an.endea*	zed _Flight_Uata_Entry	Flig	ght_Data_Entry	1
11,4 4,4	EMPHASIZE FUE POSTING FOR	REMINUER ACTION	*** *********************************		
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALLTY: MED	
T1.6.4.4.1	DECIDE neud fe _Flight_Data_E		F11	ght_Data_Entry	1
71,4,4,7,2	SELECT signifi MFDE rield emp	cont_flight_Data_Entry hosi:#	F17	ght_Data_Entry	¥
11.4 4.4.3	item *emphas	cted _Flight_Bata_Entry ze*	F1i	ght_Data_Entry	1
71.4.4.5	ENTER FLIGHT PLAN AMENOME	id			
	TASK TYPE: E		FREQUENCY: LOW	CRITICALITY: MCD	
11,4,4,5,1		ht bein Amanument mensage of data conterned in FDL*	Fli	gnt_Dato_Amendment	1

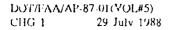
			Yusk Elen	ment Report		·
TASK NUMBER		ISK STATEMENT.	S / DATA			NC. OF
ELEMENT NUMB		SK ELEMENT S	TATEMENIS		OBJECTS	OBJECT:
1.4.4.5	ENTER FLIGHT	PLAN AMENOME	NT			
	TASK TYP	۶: ٤	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
1.4.4.5.2	Ex	ECUTE _Fligh	t_Duta_Amendment message	F1	ight_Data_Amendment	1
T1.4.4.5.3	00	TECT apprecp	ictaly andified data in		ight_Data_Entry	1
		Tight_Data_C Tight_Data_D		Fì	ight <u>"</u> Data <u>"</u> Display	1
T1.4.4.\$	FORWARD FLIGH	IT PLAN AMENO	MENT VERBALLY		**************************************	
	TASK TYP	E: VC	COORD MCDIA: V	FREQUENCY: LOW	CRITICALITY: MED	
T1,4.4.6.1	PE Co	ERFORM TCS.	Initiating TCS G/G **flight plan amendment			
T1,4,4,2	RECEIVE CONTR	ROLLER ADVICE	OF UNABLE FLIGHT PLAN AME	NOMENT		
	TASK TYP	PE: R/VC	COORD MEDIA: V/M .	FREQUENCY: LOW	CRITICALITY: MED	
T1,4,4,7,1			1. Receiving ATC Mail plan amendment*			
T1,4,4.7.2	Ĉ.		Receiving TCS G/G = *unable flight plan			
T1.4.4.8	DELETE FDE 2	MPHASIS		~ ~ ~ # # # # # # # # # # # # # # # # #		
	74SK 19	PE: E	COORD MEDIA:	ESECUENCA: FOR	CRITICALITY: LCW	
T1,4,4.8,1	m f	essøge för de	And Data Field Emonasis Eletion of emphasized data Int_Data_Entry on Flight	Γ: F:	DE_And_Data_Eleld_Emphasis Light_Data_Entry	;
T1,4.4.8.2		XECUTE _FDE_/ essage	And_Cala_Fiela_Emphasiis	F(CE_And_Data_Fiel6_Emphasiis	1
T1.4.4.3.3			eval of emphasis in flight _flight_Deta_Entry	F.	light_Data_Entry	:
11.4.4.3	INFORM CONTR	OLLER UNABLE	FLIGHT PLAN AMENOMENT			J
	*ASK_TY	PE: E/vc	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
11,4,4,9,1			.2. Sending ATC Muil c plin amendment*			
T1,4,4,9.3	C		Initiating ICS 9/6 s **matle flight plan			
T1,4,4,10	TRANSFER FLE	TO CLEARANCE	E DELIVERY/ FLIGHT DATA FOR	C AMETICANT	••	
	TASK TY	FE: E	COORD M20IA: F	EREQUENCY, LOW	CRITICALITY: 1 CW	
11,4,4,10,1	1	NITIATE _Tro	nofer_Fur_Amindment message	. Tı	roisfur For Amendment	1
11,4.4.19.2	1	NOISATE _Fli	gnt_loensification	f.	light_ldebtifination	•
11,4,4,10,3		ZECUTE _a an	sfer_For_Amendment message	Ţ	ranster, For Acquiringni	1
11,4,4,18,4	i		ence of _Flight_Data_Entry _List on Flight_Data		light, Paco Entry epailturi _Elsc	;

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	Task Elem	ent Report	************
TASK NUMBER / ELEMENT NUMBER	TASK STATEMENTS / DATA AND TASK ELEMENT STATEMENTS	OBJECTS	NO. CF CBJECT
(1 4 5 1 PTCF)			
	TASK TYPE: R/VC GOORD MEDIA: V/F	FREQUENCY: MFO CRITICALITY: HI	
1.4.5.1.1	PERFORM TEM C.2, Receiving TCS G/G Communications *handoff initiation receipt*		~~~~
f1.4.5.1.2	DETECT emphasized _Handoff_Indicator in _ _Target_Position_Symbol	Handoff_Indicator Target_Position_Symbol	1 1
11.4.5.1.3	A/O SEARCH _Situation_Display forTarget_Position_Symbol	Situation_Display Target_Position_Symbol	1 1
11.4.5.1.4	DEFECT_Target_Position_Symbol *aircraft for handoff*	Turget_Position_Symbol	1
T1,4.5.2 DENY	HANDOFF		
	TASK TYPE: E/A/VC COORD MEDIA: V/F	FREQUENCY: LCN CRITICALITY: HI	
T1.4.5.2.1	INTEGRATE _Full_Data_Block into mental traffic picture	Full_Data_Biock	1
T1.4.5.2.2	EVALUATE Full Data Block *relation to other ormanaft/ sinspace*	Full_Onto_3lcck	1
1.4.5.2.3	DECISE reject handoff necessity		
11.4.5.2.4	INITIATE _Reject_Handoff message	Reject_Hondoff	1
T1.4.5.2.5	INTRODUCE _Flight_ldentification and _Reject_Indicator	Flight Identification Reject Indicator	1
11.4.5.2.6	EXECUTE _Reject_Handoff message	Reject_Handoff	1
T1.4.5.2.7	PERFORM TCS. Initiating TCS G/G Communications *reject handoff*		
T1.4.5.3 ACCE	PT VERBAL HANOOFF/ INITIATE MANUAL TRACK START		
	TASK TYPE: E/R/VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: HI	
T1.4.5.3.1	DECIDE appropriateness of handaif acceptance		
T1.4.5.3.2	PERFORM TCS, Initiating TCS 5/G Communications *eccept handoff*		
11.4.5.3.3	INITIATE _Track messegs = #starts	Track	1
11.4.5.3.4	EXECUTE _Track message	7r bek	1
17,4,5.3.5	DETECT _Inack_Position_Symbol on _Situation_Displey	Track Position Symbol Signation_Display	1
71,6-5,4 ACCI	PI AUTOMATIC HANDOFF		
	TASK TYPE: E/A CDORD : MERCO : F	FREQUENCY: 41 CRITICALITY, 61	
11 4.5.4.1	DECIDE appropriationess of handelf acceptance		
11,4,5,4,2	INTITATE _Accept_HorJoff mussage	Accept_bardoff	;

	Task [lem	ent Report	
TASK NUMBER /	TASK STATEMENTS / DATA		NO. CF
ELEMENT NUMBE	ER TASK ÉLEMENT STATEMENTS	ONJECTS	OBJECTS
T1.4.5.4	ACCEPT AUTOMATIC HANDOFF		
	TASK TYPE: E/A COORD MEDIA: F	FREQUENCY: HI CRITICALITY: HI (Continued)	
T1.4.5.4.3	EXECUTE _Accept_Handoff message	Accept_Handoff	1
T1.4.5.4.4	RECOGNIZE transformed _Handoff_Status/Indicator *accept* in _Full_Data_Black	<u> </u>	1
T1.4.5.5		ROL	·
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: HI CRITICALITY: HI	
T1.4.5.5.1	PERFORM TCS, Communicating Air-To-Ground Via TCS *verify pilot communications*		
11.4.5.6	VERIFY AIRCRAFT ALTITUDE WITH PILOT ON TRANSFER OF C	CONTROL	·
	TASK TYPE: R/A/VC CCORD MEDIA: V	FREQUENCY: MED CRITICALITY: HI	
71.4.5.6.1	SEARCH _Full_Data_Block for _Mode_C_Altitude	Full_Data_Block Mode_C_Altitude	1
71.4.5.6.2	EXTRACT _Mode_C_Altitude from _Full_Doto_Block	Mode_C_Altitude Full_Duta_Block	1
T1.4.5.5.3	PERFORM TCS, Communicating Air-To-Ground Via TCS *pilot-reported altitude*		
T1.4.5.6.4	*CROSS-REFERENCE field elevation		
71.4.5.6.5	CGMPARE _Mode_C_Altitude with _Pilot-Reported_Altitude	Mode_C_Altitude Pilot-Reported_Altitude	1
11.4.5.6.6	DECINE oltitude verification		
11.4.5.7	DETERMINE RESPONSE TO HANDOFF REQUEST		
ĺ	TASK TYPE: A COORD MEDIA:	FREQUENCY: MED CRITICALITY: HI	
71.4.5.7.1	SEARCH Target Position Symbol on Situation-Displey to aftermine response to a handoff request		15 1
11.4.5.7.2	A/O SEARCH_Flight_Dota_Entry and _Time on _Flight_Data_Display for information concerning whether to accept namooff	Flight_Data_Entry Time Flight_Data_Disploy	32 1 1
т1.4.5.7.3	SYNTHESIZE direraft and time information into a mental traffic picture with regard to accepting a handoff		
11.4.5.7.4	DECIDE whether ar not to accept handoff based upon mental traffic picture		
T1,4,6,1	DETECT MANUAL HANDOFF MODE INDICATION		
l	TASK TYPE: R COCRU MEDIA:	FREQUENCY: LOW CRITICALITY, HI	
T1.4.5.1.1	SCAN_Fell_Data_Block on Situation Display for _Handoff_Alert_Indication	Full_Data_Block HonJoff_Alert_Indication	4
71.4.6.1.2	CETECT _Auto_Handoff_Inhibited	Auto_Hondoff_lrAnthised	1

	Task Eleme	ent report	
TASK NUMBER /	TASK STATEMENTS / DATA AND		NO. GF
ELEMENT NUMBER		OBJECTS	OBJECT
[1,4,6.2]	SSUE CHANGE OF FREQUENCY TO PILOT		
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: HI CRITICALITY: HI	
T1.4.6.2.1	*SEARCH_System_Status_Data for _Radio_Frequency	System_Status_Data Radic_Frequency	1
T1,4,6.2.2	*EXTRACT _Radio_Frequency *for issuance to pilot*	Radio_Frequency	1
T1.4.6.2.3	PERFORM TCS. Communicating Air-To-Ground Via TCS *frequency change*		
T1.4.6.3 I	NITIATE HANDOFF FUNCTION		
	TASK TYPE: E COORD MEDIA: F	FREQUENCY: MED CRITICALITY: HI	
71.4.6.3.1	SCAN _Data_Block	Data_Block	4
T1.4.6.3.2	SCAN _Sector_Boundary	Sector_Boundary	5
11.4 6.3.3	COMPARE _Target_Position_Symbol to _Sector_Boundary	<pre>Target_Position_Symbol Sector_Boundary</pre>	1 1
T1.4.6.3.4	DECIDE need/ time to transfer control of _Track	Track	1
1.4.6.3.5	INITIATE _Initiate_Handoff message	Instrate_Handoff	1
T1.4.6.3.6	EXECUTE _Initiate_Handoff message	Initiate_Hondoff	1
11.4.6.3.7	RECCGNIZE transformed _Hondoff_Status/Indicator *handoff Initiatea* in _full_Oata_Block O	Hondoff_Status/Indicator full_Data_Block	1
T1.4.6.3.8	PERFORM TCS. Initiating TCS G/G Communications *callsign, relative range from fix, other reeded information*		
71.4.6.4 (ORSERVE AUTOMATIC INITIATION OF HANDOFF		
	TASK TYPE: R COORD MEDIA:	FREQUENCY: HI CRITICALITY: HI	
*1.4.6.4.1	SCAN_Situation_Display for emphasized Handoff_Status/Indicator	Situation Display Hanapif_Status/Indicator	7
T1.4.6.4.2	DETECT emphasized _Handoff_Status/Indica tor *initiated, receiving sector/ position*	Handoff_Status/Indicator	1
T1.4.6.5 [DETECT HANDOFF ALERI INDICATION		
	TASK TYPE: R COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
₹1.4.8.5.1	SCAN_Full_Cata_Block for _Handoff_Alert_Indication	Full_Data_Black Hanaoff_Alert_Indication	1
T1.4.6.5.2	DETECT Handoff_Alert_Indication noting Handoff_Nat_Accepted *handoff has not been effected*	Hondoff_Not_Accepted	1
T1.4.6.5	RETRACT HANDOFF		
	TASK TYPE: E/A/VC COURD MEDIA: V/F	FREQUENCY: LOW CRITICALITY: HI	
T1,4,6.5.1	DECIDE need for handoff retraction	,	



	Task Element Report	
TASK NUMBER /	TASK STATEMENTS / DATA AND	NO. OF
ELEMENT NUMBER		CBJECT
1.4.6.6	RETRACT HANDOFF	
	TASK TYPE: E/A/VC COORD MEDIA: V/F FREQUENCY: LOW CRITICALITY: HI (Continued)	
11.4.6.5.2	EXECUTE _Retract_Handoff message Retract_Handoff	1
T1.4.6.6.3	RECOGNIZE obsence of Handoff_Status/Indicator Handoff_Status/Indicator in Full_Data_Black _Full_Data_Black *handoff_retracted*	1 1
T1.4.5.6.4	PERFORM TCS, Initiating TCS G/G Communications *handoff retraction*	
 Γ1.4.6.7	RECEIVE HANDOFF REJECTION	
	TASK TYPE: R/VC COORD MEDIA: V/F FREQUENCY: LCW CRITICALITY: HI	
T1.4.6.7.1	SEARCH_full_Data_Block for Full_Data_Block _Handoff_Status/Indicator *results* Handoff_Status/Indicator	1
T1,4.8.7.2	DETECT _Handoff_Status/Indicator Handoff_Status/Indicator *handoff_rejectEd*	1
11.4.6.7.3	ExTRACT_Handoff_Status/Indicator Handoff_Status/Indicator results *nondoff_rejected*	1
T1.4.6.7.4	PERFORM TCS. Receiving TCS G/G Communications *handoff rejected*	
11.4.6.7.5	INTEGRATE handoff rejection into mental traffic picture	
T1,4.6.8	RECEIVE HANDOFF ACCEPTANCE	
	TASK TYPE: R/VC COCRD MEDIA: V/F FREQUENCY: HI CRITICALITY: HI	
T1.4.6.8.1	SEARCH Handoff_Status/Indicator for Handoff_Status/Indicator handoff_response	1
11,4.6.5.2	RECCCNIZE transformed Handoff_Status/Indicator _Handoff_Status/Indicator *handoff occepted*	1
11.4.6.8.3	PERFORM ICS, Receiving ICS G/G Communications *handofr acceptance*	
11.4 6.9	DISCUSS TRANSFER OF CONTROL WITH OTHER CONTROLLER	*************
	TASK TYPE: VC COGRO MEDIA: V FREQUENCY: LCW CRITICALITY: HI	
T1,4.5.9.1	DECIDE need to confer on transfer of control	* hu - n
T1,4.5.9.2	PERFORM TCS. Initiating (CS G/G Communications "flight plan date and transfer of control"	
11.4.6.9.3	A PERFORM TCS. Receiving TCS G/G Communications #flight plan data and transfer of control*	
T1.4 6.30	ISSUE CHANGE TO VER BEACON CODE ASSIGNMENT	
	TASK TYPE: VC COORD MEDIA: V FREQUENCY: LOW CRITICALITY: MED	********
T1,4.6.10.1	PERFORM ICS, Communicating Air-To-Ground Via ICS *termination of Service, change to 1200 beacon code, as an pilot cancellation of IFR alectance within the airport traffic area*	

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TASK NUMBER 4	TASK STATEMENTS / DATA		NO. CF
ELEMENT NUMBER		08JECTS	CBJECTS
1.4.6.11	INITIATE VERBAL HANDOFF		
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: HI	
1.4.6.11.1	PERFORM TCS, Initiating G/G Communications *initiate verbal handoff to another controller/ facility*	······	
1.4,7.1	INITIATE POINTOUT		
	TASK TYPE: E/A/VC COORD MEDIA: V/F	FREQUENCY: LOW CRITICALITY: HI	
Γ1.4.7.1.1	SEARCH Situation Display for Target P + tion Symbol and associated Full_Do! lock for interception with Sector_Bundary	Target_Position_Symbol Full_Data_Black Sector_Boundary	15 15 5
11.4.7.1.2	INTEGRATE mental traffic picture with Target Position_Symbol and _Sector_Boundary	Yurget_Position_Symbol Sector_Boundary	1
11.4.7.1.3	DECIDE need to issue a pointout		
11.4.7.1.4	INITIATE _Initiate_Pointout message	Initiate_Pointout	1
11.4.7.1.5	INDICATE Position or Facility	Position Focility	1
71.4.7.1.6	INDICATE _Flight_Identification	Flight_Identification	1
71.4.7.1.7	Eλεcute _initiate_Pointout message	Instiate_Pointout	1
11.4.7.1.8	RECOGNIZE _Receiving_Sector/Position_ID in _Pointout_Indicator 0	Receiving_Sector/Position_ID Pointout_Indicator	1
*1.4.7.1.9	PERFORM TCS, Instituting TCS G/G Communications *pointout request*		
T1.4.7.2	CBSERVE AUTOMATIC INITIATION OF POINTOUT TO ANOTHER	R CONTROLLER	
	TASK TYPE: R COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
T1.4.7.2.1	DETECT emphasized _Full_Data_Block and _Pointout Indicator *receiving sector ID, automotic pointout indication*	Full_Outo_Block Pointout	1
71.4.2.3	CETECT MANUAL POINTOUT MODE INDICATION		
	TASK TYPE: R CCORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
T1.4.7.3.1	SEARCH _Full_Data_Block forAutomotic_Paintaut_Suppression_Indicat	Full_Dota_Block Automotic_Pointout_Suppression_!ndicotor	1
T1.4.7.3.2	RFCCGNIZE _Automatic_Pointout_Suppressin_Indicator in _Full_Sata_Block	Automotic_Pointout_Suppression_Indicator Full_Data_Black	1
1.4.7.5	RECEIVE REJECTION OF POINTOUT		
		FREQUENCY: LOW CRITICALITY: HI	
11.4.7.5.1	SEARCH_Full_Data_Block for pointout response	Full_Data_Block	1
11.4.7.5 2	RECOGNIZE transformed Pointout_Indicator *pointout rejected	Pointout_Indicator	1

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TASK NUMBER /	TASK STATEMENTS / DATA AND			NO. CF
ELEMENT NUMBER	TASK ELEMENT STATEMENTS	OBJECTS		CBJCCT
T1.4.7.5 R	SCEIVE REJECTION OF POINTOUT			·
	TASK TYPE: R/VC COORD MEDIA: V/F	FREQUENCY: LOW CRITICALITY:	dI (Continued)	
T1.4.7.5.3	PERFORM TCS, Receiving TCS G/G Communications *rejection of pointout*			
T1.4.7.6 R	RECEIVE ACCEPTANCE OF POINTOUT			
	TASK TYPE: R/VC CCORD MEDIA: V/F	FREQUENCY: LCN CRITICALITY:	HI	
T1.4.7.8.1	SEARCH _Full_Dato_Block for pointout status	Full_Data_Block		1
71.4.7.6.2	RECOGNIZE transformed _Pointout_Indicator *pointout accepted*O	Pointout_Indicator		1
71.4.7.6.3	PERFORM TCS, Receiving TCS G/G Communications *acceptance of pointout*			
71.4.7.7	DISCUSS POINTOUT WITH OTHER CONTROLLER			
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LCW CRITICALITY:	ΗI	
11,4,7,7,1	DECIDE need to confer on a pointout			
71.4.7 7.2	PERFORM TCS, Instituting TCS G/G Communications *discussion of pointout*			
T1.+.7.7.3	A PERFORM TCS, Receiving TCS G/G Communications "discussion of pointout"			
71,4.8.1 R	RECEIVE POINTOUT			
	TASK TYPE: R/VC COORD MEDIA: V/F	FREQUENCY: LOW CRITICALITY:	H1	
T1.4.8.1.1	SCAN_Full_Data_Block for _Puintout_Indicator	Full_Data_Block Paintout_Indicator		15 1
T1.4.9.1.2	RECOGNIZE _Pointout Indicator *initiating sector ID, pointout request*	Pointout_Indicator		1
71.4.8.1.3	PERFORM TCS, Receiving TCS G/G Communications *request for pointout*			
T1.4.8.2 A	ACCEPT POINTOUT			
	TASK TYPE: E/A/VC COORD MEDIA: F		H1	
71.4.8.2.1	DECIDE to accept pointout			•••••
T1.4.8.2.2	INITIATE _Pointout_Accept message	Pointout_Accept		1
11.4.8.2.3	EXECU ^T E _Pointout_Accept message	Pointout_Accept		1
	RECOGNIZE transformed _Pointout_Indicator status *accept	Pointout_Indicator		1
T1,4,8,2,4	pointout*			
11.4.8.2.5	pointout* 0 PERFORM TCS, Initiating TCS G/G Communications *pointout acceptance*			
11.4.3.2.5	O PERFORM TCS, Initiating TCS G/G Communications *pointout acceptance*	·		
11.4.3.2.5	PLRFORM TCS, Initiating TCS G/G Communications *pointout occeptance*			

	Task Elem	ent Report	
TASK NUMBER /	TASK STATEMENTS / DATA AND	Α.	10. QF
ELEMENT NUMBER	TASK ELEMENT STATEMENTS		BJEČTS
1.4.8.3 ACC	EPT VERBAL POINTOUT/ START TRACK		
	TASK TYPE: E/A/VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: HI (Continued)	
1.4.9.3.2	FiRFORM TCS. Initiating TCS 6/6 Communications *accept pointout*		
1.4.8.3.3	<pre>INITIATE _Track message *start*</pre>	Trock	1
1.4.8.3.4	EXECUTE Track message		
1.4.8 3.5	RECCGNIZE _Track_Position_Symbol on _Situation_Oislay	Track_Position_Symbol Situation_Dislay	1
1.4.8.4 DEN	Y POINTOUT		
	TASK TYPE: E/A/VC COORD MEDIA: V/F	FREQUENCY: LOW CRITICALITY: HI	
(1.4.8.4.)	DECIDE to reject pointout		
1.4.8,4.2	:NITIATE _Reject_Pointout message	Reject_Pointout	1
[1.4.3.4.3	EXECUTE _Reject_Pointout message	Reject_Pointout	1
Γ1.4.8.4.4	RECCGNIZE transformed _Pointout_Inatcator status *rointout rejection*	Pointout_Indicator	1
1.4,8,4.5	PERFORM ICS, Instituting ICS G/G Communications *pointout rejection*		
71.4.8.5 TR	ANSFER FDE TO OVERFLIGHT LIST		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
T1.4.8.5.1	<pre>INITIATE _Designate_Aircraft_For_Posting _In_Overflight_List</pre>	Designate_Aircroft_For_Posting_In_Overflight	1
T1.4.8.5.2	EXECUTE _Designate_Aircraft_For_Posting_ In_Overflignt	Designate_Aircraft_For_Posting_In_Overflight	1
11.4.8.5.3	RECOGNIZE oddition of _Flight_Data_Entry to _Overflight_List on Flight Data Display	Flight_Doto_Entry Overflight_Eist	1
71.4.8.6 DE	TERMINE RESPONSE TO POINTOUT		
	TASK TYPE. A COURD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
T1.4.8.6.1	SEARCH Target Position Symbol on	Target_Position_Symbol Situation=Oisplay	15 1
τι.4.8.6.2	A/O SEARCH_Flight_Data_Entry and _Time on _Flight_Data_Display for information concerning whether to accept pointout	Flight_Data_Entry Time Flight_Outa_Display	32 1 1
T1.4.8.6.3	SYNTHESIZE aircraft and time information into a mental traffic picture with regard to accepting a pointaut		
T1.4.8.6.4	DECIDE whether or not to accept pointout based upon mental traffic picture		
T1.4,9.1 AF	PROVE CLEARANCE REQUEST		
	TASK TYPE: E/VC COGRD MEDIA: V/M	FREQUENCY: MED CRITICALITY: HI	
T1.4,9.1.1	DECIDE to approve alegrance request, considering _FDE, _Special_Use_Airspace , _System_Status_Data, _Weather_Descriptor	FDE Special Use Airspace System Status Data	15 1 1 20

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TASK NUMBER /	TASK STATEMENTS / DATA AND		NU. CF
ELEMENT NUMBER	TASK ELEMENT STATEMENTS	OBJECTS	OBJECT
1.4.9.1 APPROV	/E CLEARANCE REQUEST		
1	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: MED CRITICALITY: HI (Continued)	
1.4.9.1.2	PERFORM TEM M.2. Sending ATC Mail *clearance opproval*		
1.4.9.1.3	0 PERFORM TCS, Initiating TCS 6/G Cemmunications *clearance approval* 0	,	
1.4.9.1.4	PERFORM TCS. Communicating Air-To-Ground Via TCS *clearance approval*		
1.+.9.2 FORMUL	LATE A CLEARANCE WITH APPROPRIATE INSTRUCT	TIONS	
,	TASK TYPE: A COORD MEDIA:	FREQUENCY: HI CRITICALITY: HI	
T1.+.9.2.1	INTEGRATE mental traffic picture wit constraints and conditions		
71,4.9.2.2	DECIDE clearance needed *for issuan	nce*	
71.4.9.2.3	FORMULATE elements of appropriate clearance, including necessary instructions		
1.4.9.3 DENY	CLEARANCE REQUEST	······································	
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: H1	
71.4.9.3.1	DECIDE to deny clearance request, considering Flight_Data_Entry, _Special_Use_Airspace, _System_Status_Data, _Weather_Descri	Flight_Dota_Entry Snecial_Use_Airspace System_Status_Dota iptor Weather_Descriptor	15 1 20 1
71.4.9.3.2	PERFORM TEM M.2, Sending ATC Moil *clearance denial*		
T1.4.9.3.3	PERFORM TCS, Initiating TCS G/G Communications *clearance denial*		
ĭ1.4.9.5.4	PERFORM TCS, Communicating Air-To-Ground Via TCS *clearance denial*		
T1.4.9.4 ISSUE	CLEARANCE AND INSTRUCTIONS TO PILOT	·	
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: HI CRITICALITY: HI	
F1.4.9.4.1	PERFORM TCS, Communicating Air-To-G Via TCS *current clearance and instructions*	rourid	
T1.4.9.5 ISSUE	CLEARANCE THROUGH FSS/ ACF/ OTHER PILOT I	FOR RELAY TO PILOT	
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI	
ī1.4.9.5.1	PERFORM TCS, Sending ATC Moil *clearance for relay to pilot*		****
T1,4.9.5.2	O PERFORM TCE, Initiating TCS G/G Communications *clearance for relo nilot*	y to	
I1.4.9.6 VER!F	Y AIRCRAFT COMPLIANCE WITH CLEARANCE		
		FREQUENCY; HI CRITICALITY: HI	
T1.4.9.6.1	SEARCH _Situation Display for _Target Position Symbol movement	Situation Display Target Position Symbol	1

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TASK NUMBER /	TASK STATEMEN AND				NO. OF
ELEMENT NUMBER				OBJECTS	CBJECTS
1,4,9.6 VE	ERIFY AIRCRAFT COMPLIAN	CE WITH CLEARANCE			
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: HI	CRITICALITY: HI (Continued)	
1.4.9.6.2		et_Position_Symbol and		CRITICALITY: HI (Continued) arget Position Symbol	1
1.4.5.0.2	_Flight_Ident	ification		light_Identification	i
Γ1,4,9.6.3	data with cle	ficant _Full_Jata_Black arance /O	F	ull_Coto_Block	1
71.4.9.6.4	RECOGNIZE abs	ence/presence of conformance_Indicator	А	ltituae_Nonconformance_Indicator	1
71.4.9.6.5	clearance	craft is in compliance with			
1,4,9.7 C	=	MPLIANCE WITH CLEARANCE			
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
T1,4,9,7,1		Communicating Vio TCS *clearance e query*			
 τ1.4.3.8 S	SUGGEST ALTERNATIVES TO	CLEARANCE REQUEST FROM CONTR			
	TASK TYPE: E/A/VC	CCCRD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
T1,4,9,8,1	FCRMULATE SIG	earance alternative		***************************************	
T1.4.9.8.2	*clearance al				
71.4.9.3.3	PERFORM TCS.) Initiating TCS G/G ns *clearance alternative*			
T1,4,3,9 S	SUGGEST CLEARANCE ALTERN	NATIVES TO PILOT			
	TASK TYPE: A/VC	COORD MEDIA: V	FREQUENCY: MED	CRITICALITY: HI	
T1,4,9,9,1	INTEGRATE mer	ntal traffic picture with prance alternatives			
T1,4.9.9.2	FORMULATE CL	egrance alternative			
11,4,9,9,3		Communicating d Via TCS *clearance			
T1,4.1Ø.1	INHIBIT AUTOMATIC HANDO	FF FOR ALL TRACKS OR FOR UES			
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW	
11.4.10.1.1		nibit_Automatie_Handoff		Inhibit_Automotic_Handoff	i
T1.4.10.1.2	EXECUTE _Inh:	ibit_Automatic_Handoff	1	Innibit_Automatic_Handoff	1
11,4,10,1,3	_Handoff_Aler Full Dato B:	matic_Handoff_Inhibited in rt_Indication in lock on _Situation_Display ies in _Auto_Handoff/Pointou st	F F S	Automatic Handoff Inhibited Handoff Alert Indication - ull Doto (Pock Situation Display Auto Handoff/Pointaut !nnibit List	1 1 1 1
		FF FOR ALL TRACKS OR FOR DES			
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW	
11,4,10.2.1		able_Automatic_Handoff		Enable_Automatic_Hundoff	1

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			ENTS / DATA				4.0 05
TASK NUMBER . ELEMENT NUMBE	/ ER T	ANI ASK ELEMEN	D T STATEMENTS			OBJECTS	NO. CF OBJECTS
T1,+.1Ø.2	RESTORE AUTO	MATIC HAND	OFF FOR ALL TRACKS OR FOR DESI	IGNATED TRACK			
	TASK TVI	PE: E	COORD MEDIA:	FREQUENCY: LO	 M	CRITICALITY: LOW (Continued)	
T1,4,10,2.2		XECUTE _E.n. essage	able_Automatic_Handoff		Enobl	e_Automatic_Handoff	1
71.4.10.2.3		ECOGNIZE o nibited in Full_Data_ nd/or entr Inhibit_Li	bsence of Automatic Handoff I Handoff Alert Indication in Block on Esituation Display les in Auto Handoff/Pointout st		Handa Full Situa	natic Handoff Inhibited off_Alert_Indication Oata Block ution_Display Handoff/Pointout_Inhibit_List	1 1 1 1
71.4.10.3	RESTORE AUTO	MICY DITAM	TOUT FOR SECTOR/TRACK				
	TASK TY	PE: E	COORD MEDIA:	FREQUENCY: LO	W	CRITICALITY: LOW	
71,4,10,3,1		NITIATE _R nessage	estore_Automatic_Pointout		Resto	ore_Automatic_Pointout	1
11,4,10,3,2		XECUTE _Re lessage	store_Automatic_Pointout		Resto	ore_Autamatic_Pointout	•
11.4.10.3.3	P Ā	ointout co Auto_Mando uto Pointo	estoration of automatic spacelity by absence of off/Paintout_Inhibit_List or out_Suppression_Indicator in Block on Situation Display		Point	Hondoff/Pointout_Innibit_List Cout_Suppression_Indicator _Cota_Block	; 1 1
71,4.°Ø.∓	INHIBIT AUTO	MATIC POIN	HOUT FOR SECTOR/ TRACK	**********			~
	TASK TY	PE: E	COORD MEDIA:	FREQUENCY: LO	ìΜ	CRITICALITY: LOW	
T1.4.10.4.1	I		nhibit_Automatic_Puintout			pit_Automatic_Pointout	1
T1.4.10.4.2		EXECUTE _Ir	nhibit_Automatic_Pointout		Inhil	bit_Automatic_Pointout	1
71.4.10.4.3	г	ndicator in Situation	comatic_Pointcut_Suppression_I n_Full_Data_Block on _Display and/ or entries in _Diff/Pointout_Inhibit_List		Full Situ	matic_Pointout_Suppression_Indicator_ _Data_Bluck ation_Display _Handoff/Pointout_Inhibit_List	1 1 1
T1.5.1.1	REQUEST WEAT	THER INFORM	MATICN				
 	TASK 11	/PE: E/VC	COORD MEDIA: V/M	FREQUENCY: LO)W	CRITICALITY: MED	
71.5.1.1.1			M M.2, Sending ATC Mail or weather information.				
T1.5.1.1.2	(O S, Initiating TCS G/G ions *request for weather n*				
T1.5.1.2	RECEIVE WEA	THER ADVIS	ORY FROM ANOTHER CONTROLLER/ S	SUPERVISOR			
	TASK T	YPE: R/VC	COURD MEDIA: V/M	FREQUENCY: L	LW.	CRITICALITY: HI	
11,5.1.2.1			M M.1, Receiving ATC Moil nformation*				
T1.5.1.2.2			= 0 S. Receiving TCS G/G lons = *weather information*				
1		.00000	ther information				

		Yosk Elem	ment Report			
TASK NUMBER /	TASK STATEMEN AND	TS / DATA				NO. CF
ELEMENT NUMBER	TASK ELEMENT	STATEMENTS			OBJECTS	CBUECTS
T1.5.1.2 RE	CEIVE WEATHER ADVISORY	FROM ANOTHER CONTROLLER/ SU				•••••
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY:	∟0H	CRITICALITY: HI (Continued)	
T1.5.1.2.4		ther information with 1 weather picture			**************************************	
T1.5.1.2.5	*INITIATE_Co *weather info	ntroller_Note message rmation*		Conti	roller_Note	1
T1.5.1.2.6	≭EXECUTE _Con	troller_Note message		Conti	roller_Note	1
T:.5.1.2.7	*DETECT opped message resul isploy	rance of _Controller_Note ts on _Controller_Notepad_D			roller_Note roller_Notepad_Oisplay	1 1
71.5.1.4 RE	CEIVE PIREP ON WEATHER					····
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY:	MED	CRITICALITY: HI	
71.5.1.4.1	PERFORM TCS. Air-To-Ground	Communicating Via ICS *weather PIREP*	-··			
T1.5.1.4.2	weather pictu					
T1.5.1.5 EN	ITER PIREP INTO SYSTEM	***************************************				·
	TASK TYPE: E	COCRD MEDIA:	FREQUENCY:	MEÐ	CRITICALITY: MED	
71.5.1.5.1		to enter _PIREP into		PIRE		1
T1.5.1.5.2		EP message erter nto the system		PJREI	P	1
(1.5.1.5.3	EXECUTE _PIRE	P message		PIRE	p	1
T1.5.1.6 CE	SERVE WEATHER AREA/ IN	TENSITY/ CEILING/ BASE/ HEIO	SHT/ MOVEMEN	T/ VISIB	ILITY/ WINDS	
	TASK TYPE: R/A	CCCRD MEDIA:	FREQUENCY:	LOW	CRITICALITY: HI	
T1.5.1.6.1	REQUEST _Weat _Situation_Di	her_Descriptor on spluy			her_Descriptor otion_Display	1
T1.5.1.6.2		ficant_Weather_Descriptor mpacting_traffic		Weat	her_Descriptor	1
11.5.1.6.3		ather_Descriptor nto mental weather picture		Weat	her_Descriptor	1
T1.5.1.6.4	ASSESS severa	ty of weather conditions				
T1.5.1.6.5	ESTIMATE dime	nsions of the weather				
11.5.1.6.6	CETECI emphas _Oata	ized _RWQ_Hazardous_Weather		RWQ_	Hazardous_Weather_Data	1
T1.5.1.6.7	EXTRACT_RWP	Hazardous_Weather_Data		RWF_	Hazardous_Weather_Data	1
T1.5.1.6.8		area ond/ or wind in weather factors *direct				
11.5.1.6.9	INTEGRATE dir into mentol t	ent weather observations				

	Task Eleme	ent Report		
TACK NUMBER	TASK STATEMENTS / DATA			NO O
TASK NUMBER / ELEMENT NUMBE			OBJECTS	NO. CF CBJECT
1.5.1.7	DETERMINE WHETHER ANOTHER CONTROLLER OR PILOT NEEDS I	WEATHER ADVISORY		
	TASK TYPE: A COORD MEDIA:	FREQUENCY: MED	CRITICALITY: HI	
1.5,1.7,1	DECIDE need for weather ajvisory to other controller			
1.5.1.7.2	DECIDE need for weather advisory to pilot			
1.5.1.8	ISSUE WEATHER/ ADVISORY/ UPDATE TO PILOT/ ANOTHER CO	NTROLLER		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: MED	CRITICALITY: MED	
1.5.1.8.1	INTRODUCE _A&M_Data_Amendment information	A&M_	Data_Amendment	1
1.5.1.8.2	INITIATE A&M_Data_Amendment message	_Amendment	1	
r1.5,1.8, 3	EXECUTE _A&M_Dota_Amendment message	A&M_	_Data_Amendment	1
71,5,1,8,4	PERFORM TCS, Initiating TCS G/G Communications *weather information*			
T1.5.1.8.5	PERFORM TCS, Communicating Air-To-Ground Via TCS *weather information*			
1.5.1.9	FORWARD WEATHER INFORMATION TO SUPERVISOR			
	TASK TYPE: E/VC COCRD MEDIA. V/M	FREQUENCY: LOW	CRITICALITY: MED	
T1.5.1.9.1	PERFORM TEM M.2, Sending ATC Mail *weather information* 0			
11.5.1.9.2	PERFORM TCS. Initiating TCS G/G Communications *weather information*			
T1.5.1.18	FORWARD URGENT PIREP TO OTHER CONTROLLER		~ ~ # = = = = = = = = = = = = = = = = =	
	TASK TYPE: E/VC COORU MEDIA: V/F/M	FREQUENCY: LOW	CRITICALITY: HI	
T1.5.1.10.1	INITIATE PIREP message *forward urgent information to other affected controllers*			1
T1.5.1.10.2	EXECUTE _PIREP message	PIR	EP	1
T1.5.1.10.3	DETECT acceptance of _PIREP message	PlR	EP	1
11.5.1.10.4	O PERFORM TOS, Initiating G/G Communications *urgent PIREP*			
T1.5.1.10.5	O PERFORM TEM M.2, Sending ATC Mail *urgent PIREP*			
T1.5.2.1	DISCUSS ACTIONS TO RESPOND TO RUMHAY/ TAXIHAY CHANGE			
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: MED	CRITICALITY: MED	
11.5.2.1.1	PERFORM TCS, Initiating TCS G/G Communications *response to runway/ taxiway change* A		·	

	Task Eleme	nt Report	
TASK NUMBER /	TASK STATEMENTS / DAYA AND		NO. CF
ELEMENT NUMBE			OBJECTS
1.5.2.1	DISCUSS ACTIONS TO RESPOND 10 RUNWAY/ TAXIWAY CHANGE		
_	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: MED	
11.5.2.1.2	PERFORM TCS, Receiving TCS G/G Communications *response to runway/ taxiway change*		
T1.5.2.2	RECEIVE REQUEST TO OBTAIN PIREP		
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LCW CRITICALITY: LCW	
11.5.2.2.1	PERFORM TEM M.1, Receiving ATC Moil *PIREP request*		
11.5.2.2.2	O PERFORM TCS, Receiving TCS G/G Communications *PIREP request*		
T1.5.2.3	RECEIVE WEATHER REPORT/ UPDATE		
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
T1.5.2.3.1	DETECT updated _Aeronautical_And_Meteoro logical_Data or _System_Environmental_An d_Status_Data_Display	Aeronautical_And_Meteorological_Duta System_Environmental_And_Status_Data_Display	1 y 1
T1.5.2.3.2	EXTRACT updated _Aeronautical_And_Meteorological_Data	Aeronoutical_And_Meteorological_Data	7
T1.5.2.3.3	PERFORM TCS, Receiving TCS G/G Communications *weat:er information*		
T1.5.2.3.4	<pre>INITIATE _Select_Meteorological_Message_ For_Cisplay</pre>	Select_Meteorological_Message_For_Display	1
T1.5.2.3.5	<pre>EXECUTE _Select_Meteorological_Message_F or_Oispla</pre>	Select_Meteorological_Message_For_Display	1
71.5.2.3.6	EXTRACT meteorological information		
⊺1.5.2.3.7	INTEGRATE new weather information with prior weather situation		
T1.5.2.4	RECORD WEATHER OBSERVATION		• • • • • • • • • • • • • • • • • • • •
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
T1.5.2.4.1	INITIATE_A&M_Data_Ameridment mossage *weather observation*	A&M_Gato_Amendment	1
T1.5.2.4.2	EXECUTE _A&M_Data_Amenament message	A&M_Data_Amendment	1
T1.5.2.4.3	RECOGNIZE _A&M_Data_Amendment results	A&M_Data_Amendment	1
T1.5.2.5	RECEIVE RUNNAY CONDITION DATA	·	
	TASK TYPE: R/VC COORD MEDIA; V/M	FREQUENCY: LGW CRITICALITY: HI	
11.5.2.5.1	PERFORM TEM M.1, Receiving ATC Mail *runway condition data*		
11.5.2.5.2	O PERFORM TCS, Receiving TCS G/G Communications *runway condition data*		
T1.5.2.5.3	O PERFORM ICS, Communicating Air-To-Ground Via ICS *runway condition data*		

	Task Eleme	ant Report	
TASK NUMBER /	TASK STATEMENTS / DATA		NO. CF
ELEMENT NUMBI	BER TASK ELEMENT STATEMENTS	08JECTS	CBJECTS
T1.5.2.5	RECEIVE RUNNAY CONDITION DATA		,
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LCW CRITICALITY: HI (Continued)	
T1.5.2.5.4	INTEGRATE runway condition data into mental weather picture		
T1.5.2.6	REQUEST PIREP		
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: MED	
T1.5.2.6.1	PERFORM TCS. Communicating Air=To-Ground Via TCS *request for PIREP*		
T1.5.2.7	FORWARD RUNWAY CONDITION DATA		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LCN CRITICALITY: HI	
T1.5.2.7.1	PERFORM TEM M.2, Sending ATC Moil *runway condition duta* O		
T1.5.2.7.2	PERFORM TCS. Initiating TCS 5/G Communications *runway condition data*		
71.5.2.8	CETERMINE WHETHER RUNNAY CONDITIONS HAVE CHANGED	······································	
·	TASK TYPE: A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
T1.5.2.8.1	EXTRACT _Airport_Environmental_Data A/O	Airport_Environmentai_Data	1
T1.5.2.8.2	SCAN runway conditions *directly*		
T1.5.2.8.3	INTEGRATE disport information into mental weather picture		
†1.5.2.8.4	ASSESS impact of dirport information on mental weather picture		
T1.5.2.9	DETERMINE WHETHER CONTROL ZONE IS IFR/ VFR	, ,	
	TASK TYPE: A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
T1,5.2.9.1	EXTRACT _Visibilit* ond _Sky_And_Ceiling from _Surface Observation on _System_Environmental_And_Status_Data_Di splay	Sky And Ceiling	1 : 1 lay 1
T1.5.2.9.2	A/G SCAN uirport visibility *directly*		
T1.5.2.9.3	DECIDE whether control zone is IFR or VFR		
T1.6.1,1	BRIEF RELIEVING CONTROLLER		
	TASK TYPE: E/R/VC COORD MEDIA: V	FREQUENCY: LON CRITICALITY: HI	
T1.6.1.1.1	INITIATE _Display_Static_Information *position_checklist*	Cisplay_Static_Informacion	1
T1.6.1.1.2	CROSS-REFERENCE _Position_Checklist	Position_Checklist	1
T1.6.1.1. 3	INFORM relieving controller *mental traffic and weather picture, systems status, priority text messages, controller annotations, and display status*		

		Task Elem	ent Report			
**********	TASK STATEMENTS	/ DATA				NO OF
TASK NUMBER / ELEMENT NUMBER		ITEMENTS		(DBJECTS	NO. CF OBJECT
1.6.1.2	BROADCAST NOTICE OF FACILI	IV STATUS			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	TASK TYPĽ: VC	COORD MEDIA: V	FREQUENCY: L	OW	CRITICALITY: MED	
1.6.1.2.1	PERFORM TCS, Bi	roadcasting 4TIS Voice sert notice of facility e*			· · · · · · · · · · · · · · · · · · ·	
1.6.1.2.2	PERFORM TOS, C. Air-To-Ground V facility apenin	ia TCS *notice of g/ closure*				
1.6.1.3	SIGN OFF AT CONSOLE					
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: L	.014	CRITICALITY: LOW	
1.6.1.3.	EXECUTE _Sign_0			Sign_	Off	1
11.5.1.3.2	RECOGNIZE _Sign	_		Sign_		1
T1.5.1.4	VERIEV COMPLETENESS OF REL	•				
	TASK TYPE: R/A	COCRD MEDIA:	FREQUENCY: L	.cu	CRITICALITY: MED	
1.6.1.4.1		provided to relieving its coverage of all ters				
1.6.2.1	SET UP TPC ADAPTATION PARA	METERS				
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: 1	.0W	CRITICALITY: LON	
Γ1.ô.2.1.1		y_Display_Preference_Set eferences to personal		Modlf	y_Display_Preference_Set	1
F1.6.2.1.2	EXECUTE _Modify message	_Disploy_Preference_Set		Modif	y_Display_Preference_Set	1
T1.6.2.2	RECEIVE CONTROLLER RELIEF	BRIEFING				
	TASK TYPE: R/A/VC	CCORD MEDIA: V	FREQUENCY:	LOM	CRITICALITY: HI	
1.6.2.2.1	CROSS-REFERENCE	_Position_Checklist		Posit	ion_Checklist	1
11.6.2.2 2	SEARCH _Data_Di neaded*	splay *displays as		Data	Display	10
11.6.2.2.3	weather, system controller dire	ler briefing on traffic, as status *local actly*				
T1.6.2.2.4		Receiving TCS G/G *ACF controller				
11.6.2.2.5		fic, weather, and systems ntall traffic and systems				
T1.6.2.3	CHECK DISPLAY FOR PROPER	CONFIGURATION, USABILITY,	AND SATISFACT	ORY STA	TUS	************
~~~~~	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY:	MED	CRITICALITY: MED	*********
T1.6.2.3.1	SEARCH _ Data_D	isplay functionality		Data	_Display	าย

			ment Report			
TASK NUMBER	TASK STATEMENTS / AND ER TASK ELEMENT ST	3 / DATA				NO. CF
ELEMENT NUMBI	TASK ELEMENT ST				BJEOTS	OBJECTS
T1.6.2.3	CHECK DISPLAY FOR PROPER C	CONFIGURATION, USABILITY, A				
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: MED		CRITICALITY: MED (Canlinued)	
T1.6.2.3.2	ASSESS display/	/ control adequacy				
T1.6.2.4	SIGN ON AT DESIGNATED CONS					
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	i 	CRITICALITY: LCW	
T1.6.2.4.1	INITIATE _Sign-			Sign-Or		1
T1.6.2.4.2	EXECUTE _Sign-(			Sign-Or		1
T1.6.2.5		TPC ADAPTATION PARAMETERS			***************************************	
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LCN		CRITICALITY: LCW	
71.6.2.5.1	INITIATE _Displ nce_Set message	lay/Invoke_Display_Prefere	•		y/Invoke_Display_Preference_Sct	1
Г1.6.2.5.2	EXECUTE _Displo ce_Set message	ay/Invoke_Disploy_Preferen	i	Display	y/Invoke_Display_Preference_Set	1
11.6.2.5.3	RECOGNIZE dispose	aly of personal preference s				
ī1.6.2.6	ADJUST PARAMETERS AND DIS	PLAY TO PERSONAL PREFERENCE			·	
	TASK TYPE: E	COURD MEDIA:	FREQUENCY: LOW	1	CRITICALITY: LCW	
T1.6.2.6.1	ASSESS need for _Dotu_Display	or parameter adjustment on		Data_0:	isplay	1
T1.6.2.5.2	_Adjust_Physic tion, and Adj	ust_Symbol_Brightness, cal_Display_Size/Shape/Loco just_Brightness_Of_Duto_Cla on_personnel_preferences		Adjust	_Sympol_Brightness _Physical_Display_Size/Shape/Lacation _Brightness_Of_Data_Class	1 1
T1.5.2.6.3	EXECUTE _aajus _Adjust_Phsica	to st_Symbo_Brightness, st_Display_Size/Shape/Locat ust_Brightness_Of_Data_Clas		Adjust	_Symbo_Brightness _Phsical_Display_Size/Shape/Location _Brightness_Of_Data_Class	1 :
T1.6.2.6.4	RECOGNIZE cdju _Data_Display	ustment results on		Data_D	ısplay	1
T1.6.2.7	REVIEW SYSTEM STATUS TO D	DETERMINE CURRENCY/ UPDATE S	SELF		~	
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LO	۸	CRITICALITY: MED	
T1.6.2.7.1	ACQUIRE _Syste	em_Status_Dota_Display for ertinent to assuming			_Status_Deta_Display	1
T1.6.2.7.2	regard to assu responsibility	Y				
T1,6.2.8		CTED TRAFFIC STATUS/ NEATHER		<b></b>		
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: MED	D	CRITICALITY: HI	
T1,6.2.8.1		Display to determine rojected traffic/ weather displays*		Dato_9	Jisplay	1

<b></b>	Task E	lement Report		
TASK NUMBER /	TASK STATEMENTS / DATA			NO. OF
ELEMENT NUMBER			OBJECTS	OBRECT
1.6.2.8	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEAT			
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: MED	CRITICALITY: HI (Cont	inued)
5.2.8,2	SYNTHESIZE extracted information into mental traffic picture of current and projected traffic and weather status			
Γ1.6.3.1	DETERMINE IMPENDING CONTROLLER OVERLOAD	. ~		
	TASK TVPE: A CCORD MEDIA:			
11.6.3.1.1	COMPARE current mental traffic picture to anticipated future traffic picture			
T1.6.3.1.2	DECIDE subjective workladd estimute			
ī1.6.3.2	INFORM SUPERVISOR OF POTENTIAL OVERLOAD CONDITION			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LON	CRITICALITY: HI	
71.6.3.2.1	PERFORM TEM M.1, Sending ATC Moil *potential overload condition* 0			
T1.6.3.2.2				
11.6.3.3	RECEIVE SUPERVISOR NOTICE TO COMBINE/ DECOMBINE F			·
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
71.6.3.3.1	PERFORM TEM M.I. Receiving AIC Mail *notice to combine/decombine position:	s*		
71.6.3.3.2	O PERFORM TCS. Receiving TCS G/G Communications *notice to combine/ decombine positions*			
T1.6.3.4	REQUEST ASSISTANCE OR RELIEF	***************************************		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
11.6.3.4.1	PERFORM TEM M.2, Sending 4TC Moil *request for assistance or relief*	************		
T1.6.3.4.2	PERFORM TCS, Initiating TCS G/G Communications #request for assistan on relief*	ce		
T1.6.3.5	REQUEST CHANGE OF AIRPORT ACCEPTANCE RATE			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
11.6.3.5.1	PERFORM TEM M.2. Sending ATC Mail *request for change of dirport acceptance rate*	***************************************		,
T1.6.3.5.2	C PERFORM TCS, Initiating TCS G/G Communications *request for change o airport acceptance rate*	of		
T1.6.4.1	CONDUCT POSITION COMBINATION/ DECOMBINATION PROC	;EDURES		
	TASK TYPE: E/R/VC COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T1.6.4.1.1	TBD TBD*			

		Task Element Report			
TASK NUMBER / ELEMENT NUMBE	T .SK STATEMENTS / DATA AND R TASK ELEMENT STATEMENTS		08.	JECTS	NO. CF OBJECT
1,6,4,2	OBSERVE TPC CONFIGURATION IN RESPONS	E TO CONFIGURATION MESSAGE	• • • • • • • • • • • • • • • • • • • •	***************************************	
	TASK TYPE: R COORD ME	DIA: FREQUENCY:	ron .	CRITICALITY: MED	
T1.6.4.2.1	EXTRACT configuration pla from _Staric_Information_D			Informaton_Display	1
11,6.5.1	RECEIVE REQUEST TO MANIPULATE AIRPOR				•
	TASK TYPE: R/VC COORD ME	DIA: V/M FREQUENCY:	LOM	CRITICALITY: MED	
ĭ1.6.5.1.1	PERFORM TEM M.1, Receivi *request to alter airport system*	ng ATC Mail			~~ <u>·</u>
11.6.5.1.2	O PERFORM TCS, Receiving 1 Communications *request oirport lighting system* C				
F1.6.5.1.3	PERFORM TCS, Communicati Air-To-Ground Via TCS *r airport lighting system*	ing request to olter			
71,6.5.2	DETERMINE NEED TO MANIPULATE ALRPORT	T LIGHTING SYSTEM			
	TASK TYPE: A COORD ME	EDIA: FREQUENCY:	FOM	CRITICALITY: MED	
1.6.5.2.1	RECOGNIZE present visibil		· • • • • • • • • • • • • • • • • • • •		
71,6.5.2.2	COMPARE lighting request needs	to traffic			
T1.6.5.2.3	DECIDE appropriateness of _Intensity_Level	f lighting	Intensi	ty_Level	1
T1.6.5.3	DENY REQUEST TO MANIPULATE AIRPORT (	ICHTING SYSTEM			
	TASK TYPE: E/VC COORD M	EDIA: V/M FREQUENCY	LCW	CRITICALITY: MED	
T1.6.5.3.1	PERFORM TCS, Communicat Air-To-Ground Via TCS ⊸ lighting request*				
T1.6.5.3.2	PERFORM TCS, Initioting Communications *denial of lighting request*	TCS G/G of pilot's			
T1,6.5.3.3	O PERFORM TEM M.2, Sendin *denial of pilot's light				
T1.6.5.4	ENTER AIRPORT LIGHTING SYSTEM ADJUS				
	TASK TYPE: E COORU M	EDIA: FREQUENCY	: LON	CRITICALITY: MED	
T1.6.5.4.1		_System_Intensit			1
T1.6.5.4.2	*RECOGNIZE transformed 1 intensity	ighting system			
T1.6.5.4.3	A/O ACTIVATE _Switch_Airport _Control Sequence *towe control*	_Lighting_System r or remoted	Switch	_Airport_Lighting_System_Control	î

			ment Report		
TASK NUMBER /	TASK STATEMEN AND TASK ELEMÉNT	NTS / DATA			NO. CF
ELEMENT NUMBER	TASK ELEMÉNT	STATEMENTS		OBJECTS .	CBJECT
1.6.5.5 SW	ITCH AIRPORT LIGHTING				
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
1.6.5.5.1	TRANSFORM OLI	port lighting system via manual switch			
11.6.5.5.2	intensity	ransformed lighting system			
71.7,1.1 D€	TECT NON-ACCEPTANCE O	INPUT DATA			
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LCH	CRITICALITY: HI	
11,7,1,1,1	DETECT aata *auta reject	entry response feedback ed*			
	TER INPUT DATA MANUAL				
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LON	CRITICALITY: MED	
11.7.1.2.1	TPC*	put data manually *to own			
11.7.1.2.2	INDICATE dat *to own TPC*	A/O o item to be input manually			
T1.7.1.3 RE	CEIVE INPUL DATA MANU	ALLY FORWARDED FROM OTHER TE	°C		••
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: LON	CRITICALITY: MED	
T1.7.1.3.1		input manually and om another TPC	·		
T1.7.1.+ FQ	RNARD INPUT CATA MANU	ALLY TO OTHER TPC			•••••••••••••••••••••••••••••••••••••••
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T1.7,1,4.1		sition Identification		tion_ldentification	1
F1.7.1.4.2	INDICATE TPO	data to be forwarded			
11.7,1.4.3		ual data forwarding sequence laata to other TPC*	9		
71,7.2.1 RE	CEIVE NOTICE OF TPU	ATLUKE			
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LON	CRITICALITY: MCD	
F1.7.2.1.1	Communication	Receiving TC3 G/G *notice of TPC failure*	•••••••••••••••••••••••••••••••••••••••	·····	
11.7.2.1.2		O M.1, Receiving ATC Mail PC failure*			
T1.7.2.2 DE	ETECT OCCURRENCE OF IS	C FAILURE		••••••••••••••	
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
T1.7.2.2.1		nputer_Dutages in System		puter_Outages	1
		Ω			

			*as⊬ £ler	ent Report			
TASK NIMBER		TASK STATEMENT	5 / DA:A				NO 05
FLEMENT NUMBE		TASK ELEMENT S	TATEMENTS		OBJECTS		NO. OF CBUECTS
	DETECT OCC	URRENCE OF TPC	FAILURE				
	FASA	YFE: R.A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	(Continued)	
1.1.2.2.3		EXTRACT _Equip	ment_Outlage_4lent	E	quipment_Outage_Alert		1
11.2.2.4		DETECT malfuna Console	tion of Tower Position				
	FORWARD NO	TICE OF EQUIPME	NI STATUS				
	TASA	TYPE. E.NO	GOORD MEDIA: VIM	FREQUENCY: LOW	CRITICALITY: HI		
r: 7.2.3.7	** *******		nitiating 185 G.G Mnotice of equipment			,	
11.7.2 3 2		PERFORM TEM M. Anotice of equ	2. Sending ATC Mail ipment status*				
11,7,3,1	RECEIVE NO	TICE OF TOCC FA	ILURE				
	*ASK	TVÆ. VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI		
77,7,3,1,1			Receiving TCS G/G *notice of TCCC failure*				
11,7 3.2	DETECT CCC	URRENCE OF TOCK	FAILURE				
	-#SK	TVPE: R/A	CCORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI		
11,1,3,2,1		ExTRACT_Compu			ombuter_Outages vster_Status_Nota		-
77.7.3.2.2		DETECT _Equipm	ment_Outage_wlent	Ε	darbweur_Ontade_Alent		;
71,7,3,2,3		EXTRACT _Equip	ment_Outage_Alert	Ε	quipment_Outage_Alert		7
71,7.3.3	REVERT TO	TOSC BACKUP PRO	CCEDURES (TED)				
	TASK	TYPE: TBD	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI		
11.7.3.3.1		T90 T80≠				**	
11,7,3,4	VER:FY COM	PUTER ACTION D	URING TRANSITION STAGES				••••••
	TASA	TYPE: E/R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI		
71,7.5 4 1		Communication: information to	Initiating TCS G/G s *verification of ransfer, amendments, ntauts, track, ang/or data				
11,7,3,4	RECEIVE C	ONFIRMATION OF	COMPUTER ACTION DURING TRAN	SITION STAGES			
	TASK	TYPE: VC	COORD MEDIA: V'M	FREQUENCY: LOW	CRITICALITY: HI		
11.7.3.5.1	** - * 7	*verification	.1, Receiving ATC Moil of computer transmission g transition stage(s)*				•••••
11,7, <b>3</b> ,5,2		PERFORM TOS, Communication	Receiving TCS G/G s = #verification of smission of guta during				

		Task Elem	ent Report		
TASK NUMBER				On JECTS	NO. OF
ELEMENT NUMBE	.K TASK ELEMENT S			OBJECTS	08JECT
1.7.4.1	DETECT NAVAID FAILURE	ECT NAVAID FAILURE			
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
1.7.4.1.1	DETECT _NAVAID_Cutages in _System_Status_Data		NAVA	.ID_Outages em_Stutus_Data	1
1.7.4.1.2	EXTRACT _NAVAI	D_Outages *new status*	NAVA	ID_Outages	1
1.7.4.2	INFORM PILOT OF NAVAID ST	ATUS		·	
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LCW	CRITICALITY: MED	
1.7.4.2.1	PERFORM TCS. Air-To-Ground	Communicating Via TCS *NAVAID status*			
1.7.5.1	CETECT COMMUNICATION FAIL	URE		•••	<b></b>
	TASK TYPE: VC/A	COORD MEDIA: V	FREQUENCY: LON	CRITICALITY: HI	
1.7.5,1.1	PERFORM TCS. *communication	Receiving TCS Status failure*			
1.7.5.1.2	EXTRACT_Voice_Communication_Line_Outage s in _System_Status_Data		Yoics_Communication_Line_Outages System_Status_Data		1
1.7.5.1.3	DETECT _Equipment_Outage_Alert *communication_facture*		Equi	.pment_Outoge_4lert	1
1.7.5.1.4	EXTRACT _Equip information	ment_Outage_Alert	Equipment_Qutage_Alert		1
71,7,5,1,5,1	RECOGNIZE abno _Communication _System_Status O	_Channel_Assignments in	Communication_Chunnel_Assignments System_Status_Data		1
11.7.5.1.€	RECOGNIZE abno _Radio_Frequer	ormality of acy in _System Status_Data	Rad: Sys! Date		1 1 1
71.7.5.1.7		ormality occurrence during sion and/or reception			
T1.7.5.2	REVERT TO LIGHTGUN COMMUN	NICATION PROCEDURES			
	TASK TYPE: N/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
71.7.5.2.1	CROSS-REFERENC Signals	CE Order 7110.65 on Visual			
T1,7.5.3	SWITCH TO BACKUP RADIO/ F				
	TASK TYPE: E	CUORD MEDIA:	FREQUENCY: LOW	CRITICALITY: H!	
1,7.5.3.1		Adjusting TCS A/G *rddio and/or frequency			
T1.7.5.4	ADJUST COMP NICATION PAT	1 TO ACCOMMODATE FAILURE/ O			
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
11.7.5.4.1		vallable non-ICS s, e.g., local diai			

		lask Eler	ment Report		
TASK NUMBER /	TASK STATEMENT				NO. CF
ELEMENT NUMBER	TASK ELEMENT S	STATEMENTS		OBJECTS	CBJECTS
T1.7.5.4 ADJUST	COMMUNICATION PATE	H TO ACCOMMODATE FAILURE/ O	VERLCAD		
T,	ASK TYPE: E	COORD MEDIA:	FREQUENCY: LON	CRITICALITY: HI (Continued	۵)
T1.7.5.4.2	PERFORM TCS, Air-To-Ground	Communicating Via TCS *employ alternate communications resources*			
71.7,5,4,3		Adjusting TCS A/G			
T1.7.5.5 RECEIV	E NEW FREQUENCY AS:				
7	ASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	·
T1.7.5.5.1		4.1, Receiving ATC Mail by assignment*			
T1.7.5.5.2	PERFERM TCS, Communication assignment* O	Receiving TCS G/G ns *new frequency			
T1.7.5.5.3		Receiving TCS Status *new erational status*	1		
T1.7.5.6 RECEIV	/E NOTICE OF ALTERN	NATE COMMUNICATION FAIH			
T	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
71.7.5.6.1	*notice of al	M.1, Receiving ATC Mail lternate communication path* O	6		
T1.7.5.6.2	PERFORM TCS, Communication communication	Receiving TCS G/G ns *notice of alternace			
T1.7.5.6.3	PERFORM TOS.	U Receiving TCS Status *new operational status*	ı		
T1.2.5.7 FORWAR	RD NOTICE OF SCMMUN	NICATION STATUS			
7	FASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LCW	CRITICALITY: HI	
T1.7.5.7.1	PERFORM TEM M	M.2, Sending ATC Mail	·.		************
11.7.5.7.2	PERFORM TCS. Communication	U Initiating TCS G/G ns *commication status* 0			
11.7.5.7.3	PERFORM TCS,	Communicating d Via TCS *communication	*		
T1.7.5.8 FORWAR	RD NEW FREQUENCY AS	SSI GNMENT			
	TASK 1 YPE: E/VC	COORD MEUIA: V/M	FREQUENCY: LOW		
T1.7.5.8.1	PERFORM TEM M frequency ass	M.2, Sending ATC Mail *new			
11.7.5.8.2	PERFORM TCS, Communication assignment#	Initinting TCS G/G n≥ *new frequency			
T1.7,5.8.3		ussignment of radio			

	Task E	lement Report	
TASK NUMBER /	TASK STATEMENTS / DATA AND		NO. OF
ELEMENT NUMBER		OBJECTS	OBJECT
1.7.5.8	FORWARD NEW FREQUENCY ASSIGNMENT		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI (Continued)	
T1.7,5.8.4	EXECUTE _System_Status_Data_Change function	System_Status_Data_Change	1
1.7.5.9	FORWARD ALTERNATE COMMUNICATION PATH		<b></b>
<b></b>	TASK TYPE: E/VC CCGRD MEDIA: V/M	FREQUENCY: LCW CRITICALITY: HI	
11.7.5.9.1	PERFORM TEM M.2. Sending ATC Moil *alternate communication path* 0		
11.7.5.9.2	PERFORM 105, Initiating TCS 6/6 Communications *aiternate communicat path*	lon	
 ĭ1,7,5,1	CETECT SENSOR/ TRACKING FAILURE		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LCW CRITICALITY: HI	
T1,7.6.1.1	DETECT track disassociation ofGata_Block and _Target_Position_Symb	Data_8lock	1
T1.7.6.1.2	DETECT _Coast_Indicator in _Track_Sta of _Track_Position_ Symbol	tus Coost_!ndicator Track_Status Track_Position_	;
11.7.6.1.3	0 DETECT _Transponder_Failure_Notice in _Full_Data_Block O	<del>"</del>	1
T1.7.6.1.4	DETECT_Radar_Equipment_Outage in _System_StatusCata	Podar_Equipment_Outage System_StatusData	ī 1
T1.7.6.1.5	DETECT abnormal new entries in _Coast/Suspena_List	Coast/Suspend_List	1
T1.7.6.1.6	SYNTHESIZE voserved abnormality as sensor failure		
T1.7 5.2	REVERT TO NON-RADAR PROCEDURES		·
	TASK TYPE: A COORD MEDIA:	FREQUENCY: LCW CRITICALITY: HI	
T1.7,6.2.1	CROSS-REFERENCE Order 7:10.65 for non-rodor procedures		
11.7.6.3	REQUE I FLIGHT PLAN EXTRAPOLATION FOR A TRACK		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
T1.7,6.3.1	INDICATE _Flight_Identification	Flight_Identification	1
11.7.6.3.2	*INDICATE track extrapolation position *extrapolation start point*	· •	
71.7,6,3.3	EXECUTE _Flight_Plan_Extrapolation function	Flight_Plan_Extrapolation	1
T1.7,6.3.4	<pre>RECOGNIZE _Trock_Position_Symbol *extropolotion_status*</pre>	Track_Position_Symbol	1
T1.7.6.4	OBSERVE EXTRAPOLATED FLIGHT PLAN POSITION ON A	TRACK	
	TASK TYPE: R/A COORD MEDIA;	FREQUENCY: LOW CRITICALITY: LOW	
Y1.7.6.4.1	SEARCH Track Status in Track Position Symbol for Flight Plan Extrapolation Indicator	Track_Status Track_Position_Symbol Flight_Plan_Extrapolation_Indicator	1 1 1

	TOSK Elem	ent Report 		
TASK NUMBER /	TASK STATEMENTS / DATA AND			NO. CF
ELEMENT NUMBER	AND R TASK ELEMENT STATEMENTS	I	OBJECTS	OBJECT
1.7.6.4	OBSERVE EXTRAPOLATED FLIGHT PLAN POSITION ON A TRACK			
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW (Continued)	
11,7.6.4.2	RECCONIZE _Flight_Plan_Extrapolation_Indicator	fligh	t_Plan_Extrapolation_Indicator	1
71.7.6.4.3	ASSESS extrapolated flight plan position of aircroft			
11,7.6.5	SUPPRESS FLIGHT PLAN EXTRAPOLATION FOR A TRACK			
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LCW	
11.7.6.5.1	INDICATE _Flight_Identification		t_ldentification	1
11,7.6.5.2	EXECUTE _Flight_Plon_Extrapolation function **suppress**	Fligh	t_Plan_Extrupolation	1
11.7.6.3.3	RECOGNIZE absence of _Full_Data_Block	Full_	Cato_8lock	1
T1.7.7.1	RECEIVE NOTICE OF TRANSIENT COMMUNICATION FAILURE			
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
71.7.7.1.1	PERFORM TEM M.1. Receiving ATC Mail *notice of transient communication failure#			
*1.7.7.1,2	O PERFORM TCS, Receiving TCS G/G Communications *notice of transient communication failure*			
11.7.7.1.3	O PERFORM ICS, Communicating Air-To-Ground Via ICS *notice of transient communication failure*			
T1.7.7.2	DETECT TRANSIENT COMMUNICATION FAILURE			
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T1.7.7.2.1	PERFORM TCS, Initiating TCS G/G Communications *experience a transmission problem*	····		
T1.7.7.2.2	O PERFORM TCS, Receiving TCS G/G Communications *experience a reception problem*			
11,7.7.2.3	0 PERFORM TCS, Communicating Air-∓o-Ground Via TCS *experience a transmission or reception problem<			
T1.7.7.2.4	O PERFORM TCS, Receiving TCS Status *observing communications status temporary abnormality*			
11,7.7.2.5	ASSESS import of unreliable communication channel or frequency			
T1.7.7.3	REQUEST COMMUNICATION CHECK FROM OTHER PUSITION/ A!	RCRAFT/ AGENCY	·····	
	TASK TYPE: E/VC COORD MED!A; V/M	FREQUENCY LOW	CRITICALITY: MED	
Т1.7.7.3.1	PERFORM TOS, Initiating TCS G/G Communications *Gofwhun, cations check		······································	
	query* A/O			

	Task Elemi	ent kecort	
TASK NUMBER /	TASK STATEMENYS / DATA / AND		NO. OF
ELEMENT NUMBE	ER TASK ELEMENT STATEMENTS	OBJECTS	OBJECT
1.7.7.3	REQUEST COMMUNICATION CHECK FROM OTHER POSITION/ AIR	CRAFT/ AGENCY	
	TASK TYPE: E/VC COURD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED (Continued)	
1.7.7.3.2	PERFORM TCS, Communicating Air-To-Ground Via TCS *communications check query*		
1.7.7.4	RECEIVE COMMUNICATION CHECK FROM OTHER POSITION/ AIR	CRAFT/ AGENCY	
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LCW CRITICALITY: MED	
1.7.7.4.1	PERFORM TCS, Receiving TCS G/G Communications *communications check response*		
1.7.7.4.2	O PERFORM TCS, Communicating Air-To-Ground Via TCS *communications check response*		
 1.7.8.1	CBSERVE FAILURE OF AIRPORT EQUIPMENT		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LCW CRITICALITY: HI	
1.7.3.1.1	CETECT dirport equipment failure *directly observe damage or faulty operation*		
1,7.8.1,2	EVALUATE impact of airport equipment failure on traffic operations		
1.7,8.2	INHIBIT PROCESSING OF DATA FRUM FAULTY SENSOR		
	TASK TYPE: E COORD MED; 4:	FREQUENCY: LOW CRITICALITY: LOW	
1.7.8.2.1	INDICATE _Airport_Environmental_Sensor_I	Airport_Environmental_Sensor_ID	1
1.7.8.2.2	EXECUTE _Sensor_Overriae function *inhibit duta*	Sensor_Override	1
11.7.8.3	RESTORE PROCESSING OF DATA FROM AIRPORT SENSOR		
	TASK TYPE: E COURD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
1.7.8.3.1	INDICATE _Airport_Environmental_Sensor_1	Airport_Environmental_Sensor_!D	1
11.7.8.3.2	EXECUTE   Sensor_Override function *permit data*	Sensor_Override	1
Γ1.7.9.1	DETECT TOOC STAND-ALONE MODE INDICATOR		
	TASK TYPE: R COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
11.7.9.1,1	DETECT _:CCC_Stand-Alone_Mode_Indicator	TCLC_Stand-Alune_Mode_Indicator	1
1.7,9.2	RECEIVE NOTICE OF TCCC STAND-ALONE MODE	······································	<b></b>
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI	
T1.7.9.2.1	PERFORM 1EM M.1, Receiving ATC Moil *TCCC stand-alone mode of operation* O		
T1.7.9.2.2	PERFORM TCS, Receiving TCS G/G Communications *FCCC stand-alone mode of operation*		

		<b></b>	Task Ele	ement Report		
TASK NUMBER / ELEMENT NUMBE	TASK STATEMENTS / DATA		S / DATA		OBJECTS	NO. OF OBJECTS
T1.7.9.3	INFORM SUPERVISOR	OF TCCC	STANU-ALONE MODE			*************
	TASK TYPE:	E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
T1.7.9.3.1			2, Sending ATC Mail C stand-alone mode*			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
71.7.9.3.2	Commun					
T1,7.9.4	RECEIVE NOTICE OF	ACF BAC		****	· • • • • • • • • • • • • • • • • • • •	
	TASK TYPE:	R/VC	CCORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T1.7.9.4.1			1. Receiving ATC Mail de of operation#	W		
T1.7.9.4.2		M TCS, inications	Receiving TCS C/G . *ACF backup mode of		•	
T1.7.9.5	REVERT TO ACCC DEGRADED PROCEDURES (TBD)					
	TASK TYPE:	T80	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
71.7.3.5.1	TBD TB	3D#				
T1.7.9.6	REVERT TO ACCC BA	ACKUP PRO	CEDURES (TBD)		,,	
	TASK TYPE:	190	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
11.7.3.6.1	T80				***************************************	
T1.7.9.7	REVERT TO TOCO ST	TAND-ALCN	NE MODE PROCEDURES (TBD)			***************
	TASK TVPE:	TEO	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T1.7.9.7.1	T8D		,-,			

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	Task	Element Report		
TACK NUMBER (	TASK STATEMENTS / DATA		•	
	AND R TASK ELEMENT STATEMENTS		OBJECTS	NO. CF CBUECTS
T2.1.1.1	RECEIVE PILOT/ OPERATOR POSITION REPORT	***************************************		
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: HI	CRITICALITY: MED	
T2.1.1.1.1	PERFORM TCS. Communicating ATo-Ground Via TCS *poosition report*	······································		
T2.1.1.2	CBSERVE AIRCRAFT/ VEHICLE AT REPORTED POSITION			
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI	CRITICALITY: HI	
T2.1.1.2.1	SEARCH location reported by aircraft vehicle *directly*			
T2.1.1.2.2	DETECT aircraft/ vehicle is at repor position	ted		
T2.1.1.3	FCRWARD POSITION REPORT TO OTHER CONTROLLER			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T2.1.1.3.1	PERFORM TEM M.2, Sending ATC Mail *position report* n			
12,1,1,3,2	3			
72.1.1.4	VERIFY AIRCRAFT/VEHICLE IDENTIFICATION			
	TASK TYPE: A COORD MEDIA:	FREQUENCY: !![	CRITICALITY: HI	
T2, 1, 1, 4, 1	COMPARE pilot/ operator-reported position to direcoft/ vehicle positidetermined by controller	ion		
T2.1.1,4.2	DECIDE aircraft/ vehicle is at report position	rted		
T2.1.1.5	OBSERVE AIRCRAFT/ VEHICLE PROGRESS THROUGH MOVE	EMENT AREA		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI	CRITICALITY: HI	
T2.1.1.5.1	SCAN Movement Area for position/ movement of specified aircraft/ veni	icle		<del></del>
T2.1.1.5.2	RECOGNIZE position and direction of movement of directify vehicle in Movement Area			
T2.1.1.5.3	INTEGRATE observed position/ movement specified oircraft/vehicle through Movement Area	nt of		
T2.1.1.6	REQUEST PILOT/ OPERATOR POSITION REPORT			• • • • • • • • • • • • • • • • • • •
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: MED	CRITICALITY: MED	
T2.1.1.6.1	PERFORM TCS, Communicating Air-To-Ground Via TCS *request pos report*	ition		
Υ2.1.1.6.2	COMPARE location of _Target_Position_Symbol on _Situation_Display to expected/ rep. aircraft position	Si	orget_Position_Symbol ituation_Display	:

			ment Report	•	
TASK NI MRED /	TASK STATEMENTS	/ DATA			NO. CF
ELEMENT NUMBE	AND R TASK ELEMENT ST			OBJECTS	OBJECTS
72.1.1.6	REQUEST PILOT/ OPERATOR PO				
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: MED	CRITICALITY: MED (C	ontinued)
T2.1.1.6.3	DECIDE if expec	ted/ reported dircraft ates with location of n Symbol		get_Position_Symbol	1
72.1.1.5.4	COMPARE reporte observed locati	d leacton of direraft to on of direraft			
72.1.1.6.5		_		rget_Position_Symbol	1
T2.1,1.7	PROJECT AIRCRAFT/ VEHICLE				
	TASK TYPE: A	COORD MEDIA:	FREQUENCY: HI	CRITICALITY: MED	
T2.1.1,7.1	INTEGRATE diren position and mo	oft/ venicle present			
T2.1.1,7.2	EXTRAPOLATE plo movement	nnea aircraft/ vehicle			
72.1.1.8	SEARCH ASDE FOR SPECIFIC A	IRCRAFT/ VEHICLE LOCATION			
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRIT!CALITY: MED	
T2.1.1.8.1		locations of Aircraft/ lata on ASDE Display		rcraft/ dar_Dala	5 1
T2.1.1.8.2		orgets possibly ecation of aircraft/ west			
12.1.1.8.3		n of ASDE Targets on o determine location of the of interest	AS	DE_Disploy	1
T2.1.1.8.4		OE Target represents craft/ vehicle of			
T2.1.1.9	OBSERVE ASDE FOR AIRCRAFT,	VEHICLE PROGRESS THROUGH	MOVEMENT AREA	*	
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
T2.1.1.9.1		Display for position/ DE_Target representing raft/ vehicle		DE_Display rget	1
T2.1.1,9.2	ASDE Target rep	rved position/ movement of presenting specified ale on ASDE Disploy			
T2.1.1.10	RECEIVE POSITION REPORT R	ELAYED FROM OTHER SCHIRGLE			
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
12.1.1.18.1		Receiving TCS G/G *position report*			
72.1.1.10.2	=	Receiving ATC Mail nt*			

			Tosk Elem	ent Report			
TASK NUMBER	/	TASK STATEME AND	n				NO. ĉF
ELEMENT NUME	3ÉR	TASK ELEMENT	Í STATEMENTS			OBJECTS	OBJECTS
T2.1.2.1	DETERMINE	IF POTENTIAL	AIRCRAFT/ VEHICLE CONFLICT EX	ISTS			
	TASK	TYPE: A	COORD MEDIA:	FREQUENCY: HI		CRITICALITY: HI	
T2.1.2.1.1		INTEGRATE po	osition and movement of fic in movement area with		******		****
T2.1,2.1.2			ntal Traffic Picture to tential aircraft/ vehicle				
T2.1.2.1.3			her potential aircraft/ flict exists				
T2.1.3.1	ACKNOWLED	GE ENVIRONMEN	TAL/ SYSTEM STATUS ALERT			·	
	TASK	TYPE: E	COORD MEDIA:	FREQUENCY: LC	М	CRITICALITY: MED	
T2.1.3.1.1		INITIATE _A	cknowledge_A&M_Alert message		Ackno	owledge_A&M_Alert	1
T2.1.3.1.2		estoration_/	cknowledge_Equipment_Outage/R Alert *suppress* message		Ackno	owledge_Equipment_Outage/Restardtion_	Aler 1 .
T2.1.3.1.3					Ackno	owledge_Equipment_Outage/Restoration_	Aler 1
T2.1.3.1.4		INITIATE _Do	A/O Geemphasize_Updated_Duta_Field		Deemp	phosize_Updateo_Duta_Field	7
72.1.3.1.5		EXECUTE _Dem	emphasize_Updated_Data_Field		Deemp	phasize_Updoted_Octa_Field	1
T2.1.3.2	OBSERVE D	ISPLAY OF NEW	/ CHANGED SYSTEM STATUS DATA				
	TASK	. TYPE: R	CCORD MEDIA:	FREQUENCY: LC	NJ.	CRITICALITY: MED	
Γ2.1.3.2.1			em_Environmental_And_Status_Da for new/ changed data		Syste	em_Environmental_And_Status_Data_Disp	lay 1
T2.1.3.2.2		System Env	stem_Status_Data on vironmental_And_Status_Data_Di - new/ changed system_status*			em_Status_Data em_Environmental_And_Status_Data_Disp	oloy 1
12.1.3.2.3		from Syst	w/ changed system status data tem_Status_Data on vironmental_And_Status_Data_Di			em_Status_Data em_Environmental_And_Status_Data_Disp	loloy 1
T2.1,3.3	OBSERVE C	DISPLAY OF NEW	√/ CHANGED AERONAUTICAL AND ME	TEOROLOGICAL DA	TA	**************************************	·
	TASK	K TYPE: R	COORD MEDIA:	FREQUENCY: LO	ili.	CRITICALITY: MED	
12.1.3.3.1			em_Environmental_And_Status_Da för new/ changed duta	<b>****</b>	Syst	em_Environmental_And_Status_Data_Disp	olay 1
T2.1.3.3.2		Data on _Sy _Cata_Displ	ronautical_And_Meteorological_ ystem_Environmental_And_Status lay *new/ changed al/ meteorological data*			noutical_And_Meteorological_Cuto em_Environmental_And_Status_Cata_Disp	olay i
T2.1.3.3.3		_Aeronautic	a/ changed data from ccl_And_Meteorological_Data if_crititical/urgent≉		Aero	nautical_And_Meteorological_Dota	1

			Task Eleme	ent Report			
TACK AN MOCO		ASK STATEMEN					NO OF
TASK NUMBER / ELEMENT NUMBE	R TA	AND ASK ELEMENT	STATEMENTS			UBJECTS	NO. OF OBJECTS
2.1.3.4	OBSERVE DISPL	LAY OF NEW/	CHANGED AIRPORT ENVIRONMENTAL	L DATA			
	TASK TYP	PE: R	COORD MEDIA:	FREQUENCY: N	1ED	CRITICALITY: MED	
72.1.3.4.1	to	CAN _System_ a_Display fo nvironmental	or new/ changed		Syste	em_Environmental_And_Status_Data_Displ	ay 1
72.1.3,4.2	_9	System_Envir	ort_Environmental_Data on ronmental_And_Status_Data_Di changed environmental data*			ort Environmental Data em_Environmental_Ana_Status_Data_Dispa	y 1
72.1.3.4.3	ر ب	Airport Envi	changed ironmental_Data from ironmental_And_Status_Data_D nasized if critical/ urgent*		Airpo Airpo	ort_Environmental_Data ort_Environmental_And_Status_Data_Disp	1 lay 1
T2.1.3.5	DETECT EQUIP	MENT STATUS	ALERT				
	TASK TVI	PE: R	COORD MEDIA:	FREQUENCY: (	LCN	CRITICALITY: HI	
*2.1.3.5.1			t_And_Resolution_Display for ipment outage/ restoration		Aler	t_Ana_Resolution_Display	1
T2.1.3.5.2			mment_Outage_Alert on >solution_Display			pment_Outuge_Alert t_And_Resolution_Display	1
72.1.3.5.3	D -	ETECT _Equip Alent_And_R	pment_Restoration_Alert on esolution_Display			pment_Restoration_Alert t_And_Resolution_Display	; i
72.1.3.6	RECEIVE NOTI	CE OF NEW/	CHANGED SYSTEM ENVIRONMENTAL	AND STATUS D	ATA		
	TASK TY	PE: R/VC	COORD MEDIA: V/M	FREQUENCY:	F0%	CRITICALITY: MED	
T7.1.3.6.1	C	Communicatio environmenta	Receiving TCS G/G ins *new/ changed system il and status data*				
12.1.3.6.2	*	PERFORM TEM	M.1, Receiving ATC Mailed system environmental/				
T2.1.3.7	INFORM OTHER	RS OF NEW/ C	CHANGED SYSTEM ENVIRONMENTAL. /	AND STATUS DA	ATA		
	TASK TY	YPE: E/VC	COORD MEDIA: V/M	FREQUENCY:	LCW	CRITICALITY: MED	
T2.1.3.7.1	C	Communicațio environmenta	Initiating TCS G/G ons *new/ changed system ol and status data*				
T2.1.3.7.2	*	PERFORM TEM	M.2, Sending ATC Mcil ed system environmental and				
T2.1.3.8	DETECT AERON	NAUTICAL AND	) METEOROLOGICAL ALERT				
	TASK TY	YPE: R	COORD MEDIA:	FREQUENCY:		CRITICALITY: HI	
T2.1.3.8.1			t_And_Resolution_Display for 1 informat on		_	rt_And_Resolution_Disploy	1
T2.1.3.8.2			onautical_And_Meteorological_ lert_And_Resoultion_Display			onautical_And_Meteorological_Alert rt_And_Resoultion_Display	1

	<del></del>			Task Elem	ienc keport	·				
TASK NUMBER /		TASK STA								iO. CF
ELEMENT NUMBE	R	TASK ELEI	MENT STA					BJECTS	C	BJECTS
2.1.3.9	DETECT AIRP	ORT ENVI	ROMENTA	DATA ALERT					•	
	TASK 1	TYPE: R		COORD MEDIA:	FREQUENCY:	LON		CRITICALITY: HI		
2.1.3.9.1	···	2brah .	Tuctode2	Environmental_Data on ental_And_Status_Data_Di aata7 alents such as surface winas, etc.*		A S	ırpor ystem	t_Environmental_Data Enviornmental_And_Status_	Data_Display	1
 2.1.3.10	OBSERVE SYS	STEM STAT	US DIREC				<b>-</b> -			
				COORD MEDIA:	FREQUENCY:	L CM		CRITICALITY: MED		
2.1.3.10.1	•		port sur t stotus	face for overall	<b></b>					·
2.1.3.10.2		SEARCH o		urface for status of nt item						
72.1.3.10.3		RECOGNIZ on airpo		e or damage to equipment ce						
2.1.4.1	ENTER CONT	ROLLER NO	 )TE							
	TASK	IYPE: E		COORD MEDIA:	FREQUENCY:	LCM		CRITICALITY: LOW		
2.1.4.1.1		INITIATE Controller_Note message *reminde.**		Controller_Note			1			
2.1.4.1.2		EXCUSE .	Controll	er_Note message		С	ontro	ller_Note		1
Τ2.1.4.1.3			Control	e of controller entered ler_Notepad_Display				ller_Notepad_Display		1
T2.1.4.2	DELETE CON	TROLLER N						***************************************		
	TASK	TYPE: E		COORD MEDIA:	FREQUENCY:	LOW		CRITICALITY: LOW		
72.1.4.2.1		INITIATE delete i notepad	i∩formati	ller Note message to on form controller		C	Contro	ller_Note		1
12.1.4.2.2		EXECUTE	_Control	ler_Note message		C	Contro	ller_Note		1
72.1.4.2.3				on of appropriate text Notepad_Display		C	Contro	ller_Notepad_Display		1
T2.1.4.3	ENTER FDE	NOTATIONS	<b></b>			<b></b> -	·		<b></b>	<b></b> -
	TASK	TYPE: E		COORD MEDIA:	FREQUENCY	MED		CRITICALITY: MED		
72.1.4.3.1		INITIAN message		FDE_Notarion *FDEN*		E	nter_	FDE_Notation	****	1
72.1.4.3.2		EXECUTE	_Enter_F	DE_Notation message		E	nter_	FDE_Netation		1
T2.1.4.3.3		_Flight	ht_Doto_(	ce of .ry_Notation Entry on Flight Data				: Data Entry Notation Data_Entry		1
T2,1.4.4	DELETE FOE	NOTAT10	NS							
	TASK	TYPE: E		COORD MEDIA.	FREQUENCY	F0r4		CRITICALITY: LOW		
T2.1.4.4.1				e_FDE_Notation message to data_entry_notation	· <b></b>	·	Delete	FDE_Notation		1

	Tas ·	ot Report	
	TASK STATEMENTS / DATA	,	
TASK NUMBER / ELEMENT NUMBER		OBJECTS	NO. CF CBJECTS
2,1,4,4	DELETE FDE NOTATIONS		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW (Continues)	
2.1.4.4.2	EXECUTE _Oelege_FDE_Notation message	Delege_FDI_Notation	1
72.1,4,4.3	RECOGNIZE removal of Flight Data Entry Notation from Flight Data Entry on Flight Data Display	Flight_Data_Entry_Notation Flight_Data_Entry	1
`?.1.4.5 S	SELECT FOE SORTING PRIORITY SCHEME		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
72.1.4.5.1	INITIATE _Select_FDE_Sort_Technique mossage "to order flight data entries on flight data display*	Select_FDE_Sont_Technique	1
72.1.4.5.2	EXECUTE _Select_FCE_Sort_Technique message	Select_FDE_Sort_Technique	;
72.1.4.5.3	RECOUNTIE posting of Flight Data Entri in desired order on Flight Data Displ	ry Flight_Data_Entry ay Flight_Data_Display	27 1
T2.1.4.6	PEQUEST FOR FROM ANOTHER POSITION		
	TASK TYPE: E/NC COORD MEDIA: V/F	FREQUENCY: LOW CRITICALITY: MED	
2.1.4.6.1	INITIATE _Request_FDE message	Request_FDE	1
2.1 4.6.2	INDICATE _Flight_Identification	Flight_Identification	1
72.1 4.6.3	INDICATE _Position_Identifier or _Focility_Identifer	Position_Identifier Fucility_Identifer	i 1
72,1,4,6,4	EXECUTE _Request_FDE message	Request_FDE	1
2.1.4.6.5	DEFECT_FDE in _Flight_Dota_Readout_Ar on Flight Data Readout Display	rea FDE Flight_Duta_Readout_Area	1
T2.1.4.7	SUPPRESS FLIGHT DATA ENTRY FROM DISPLAY		
		FREQUENCY: LOW CRITICALITY: LOW	
T2,1,4,7,1	INITIATE _Suppress_Display_Of_An_FDE massage for own display	Suppress_Disploy_Of_An_FDE	1
Γ2.1.4.7.2	EXECUTE Suppress_Display_Of_An_FCE message	Suppress_Display_Of_An_FDE	;
T2.1.4,7.3	RECOGNIZE removal of appropriate Flight_Data_Entry from Flight_Data_Display	Flight_Data_Entry Flight_Data_Display	1
T2.1.4.8	RESTORE FLIGHT DATA ENTRY TO DISPLAY		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
T2.1.4.8.1	INTRODUCE _Request_flight_Data_Entry message for own display	Request_Flight_Duta_Entry	1
T2.1.4.9.2	EXECUTE _Request_Flight_Data_Entry message	Request_Flight_Data_Entry	1
T2.1,4.8.3	RECCGNIZE appearance of Flight_Data_Entry on _Flight_Display *results of request flight data entry message*		1

		Task Element Report		
Table 1 44 ( 7	TASK STATEMENTS / DATA			NO. CF
ELEMENT NUMBER	AND TASK ELEMENT STATEMENTS		CBJECTS	CSJEČT
2.1.4.9 DEL	ETE FOE FROM TOCO SYSTEM			
	TASK TYPE: E COORD MEDIA	FREQUENCY: LOW	CRITICALITY: LOW	
2.1.4.9.*	DECIDE need to delete _FDE f system		FDE	1
2.1.4.3.2	IND(CATE _Flight_Identificot	.ion	Flight_Identification	1
72,1.4.3.3	EXECUTE _Drop_Flight_Plan fo	nction	Drop_Flight_Plan	1
72.1.4.2.4	RECOGNIZE deletion of FDE tr _Flight_Duto_Display	om	Flight_Data_Display	1
12.11 <b>3</b> UPC	ATE, REVISE CONTROLLER NOTE			
	NASK TYPE: E COORD MEDIA		N CRITICALITY: LOW	
12.1.4.16.1	:NITIATE _Controller_Note me form text*	essage *free	Controller_Note	1
10.114.10.2	ExECUTE _Controller_Note mes	soge	Cuntroller_Note	1
70.1.4.18.3	DETECT appearance of changed in _Controller_Notepad_Displ		Controller_Notepaa_Display	1
10.0.1.1 CBS	ERVE EDOT IN FOE	,		
	TASK TYPE: R COORD MEDIA	FREQUENCY: ME	D CRITICALITY: MED	
72.2.1.1.4.7	DETECT _EDCT in _FDE	·	EDCT FDE	1
10.0 1.1.8	EXTRACT _EDCT contents		ECCT	1
T2.2.1.2 CHC	DOSE DESTRED SEQUENCE	, • • • • • • • • • • • • • • • • • • •		
	TASK TYPE: A COORD MEDIA	A: FREQUENCY: HI	CRITICALITY: MED	
72.2.1.2.1	INTEGRATE Planned Route Of Destination, and Traffic Mai Restrictions with Mental Tra	Flight, nagement	***************************************	
*2.2.*.2.2	DECIDE optimal sequence for aircraft	departure		
72.2.1.3 IS	SUE FAXI INSTRUCTIONS TO EFFECT DESI	RED SEQUENCE		
	TASK TYPE: VC COORD MEDI.	A: V FREQUENCY: HI	CRITICALITY: MED	
r2,2.1.3,i	PERFORM TCS, Communicating Air-To-Ground Via TCS *tox instructions*			
	SUE INSTRUCTIONS FOR GROWND HOLD			
	TASK TYPE: VC COORD MEDI	A: V FREQUENCY: ME	D CRITICALITY: MED	
₹2,2,1,4,1	PERFORM TCS, Communicating Air-To-Ground Via TCS *gro instructions*	und hold		
T2.2.1.5 DI	SCUSS GROUND DELAY TECHNIQUE WITH PI			
	TASK TYPE: VC COORD MEDI	A: V FREQUENCY: ME	D CRITICALITY: LGW	
T2.2.1.5.1	PERFURM TCS, Communicating Air-To-Greund Via TCS *dis ground delay technique*	ı		

	lask Eleme	ent Report		
TASK NUMBER /	TASK STATEMENTS / DATA / AND			NO. CF
ELEMENT NUMBE			OBJECTS	OBJECTS
72.2 2.1	OBSERVE GROUND TRAFFIC DEVIATION DIRECTLY			
	TASK TYPE: R/A COORD MEDIA.	FREQUENCY: LOW	CRITICALITY: HI	
T2.2.2.1.1	COMPARE position and movement of aircraft/ vehicle with cleared position and movement			
*2.2.2.1.2	RECOGNIZE ground traffic deviation			
T2.2.2.2	RECEIVE NOTICE OF GROUND TRAFFIC DEVIATION		***************************************	
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
T2.2.2.2.1	PERFORM TCS, Receiving TCS G/G Communications *ground deviation* O			
72.2.2.2.2	PERFORM TCS. Communicating Air-To-Ground Via TCS *ground deviation*			
T2.2.2.2.3	PERFORM TEM M.1, Receiving ATC Mail *ground traffic deviation*			
72.2.2.3	INFORM CTHER CONTROLLER/ SUPERVISOR OF GROUND TRAFFI	C DEVIATION		
	TASK TYPE: E/VC COOPD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
72.2.2.3.1	PERFORM TCS, Initiating TCS 6/6 Communications *ground traffic deviation*			<b></b>
T2.2.2.3.2	PERFORM TEM M.2. Sending ATC Mail *ground traffic deviation*			
T2.2.2.4	QUERY PILOT/ OPERATOR/ CONTROLLER REGARDING GROUND 1	RAFFIC DEVIATION		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LCA	CRITICALITY: MED	25-
T2.2.2.4.1	PERFORM TCS, Communicating Air-To-Ground Via TCS *query reason for ground deviation* 0			
T2.2.2.4.2	PERFORM TCS, Initating TCS G/G Communications *query reason for ground deviation*			
T2.2.2.5	DETERMINE NEW POSITION IN GROUND TRAFFIC SEQUENCE	,		
1	TASK TYPE: A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T2.2.2.5.1	INTEGRATE current Deporture Sequence, Planned Route Of Flight, Destinction, and Traffic Management Restrictions applicable to specified aircraft, with Mental Traffic Picture			
T2.2.2.5.2	DECIDE new position in Departure Sequence for specified gircraft			
12.2.2.6	DETERMINE MANEUVER TO ESTABLISH/ RESTORE SEQUENCE			
	TASK TYPE: A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T2.2.2.6.1	INTEGRATE current position of specified aircraft and current runway/ taxiway usage with intended position in Departure Sequence			

					ment Report				·
TASK NUMBER / ELEMENT NUMBE		TASK S	TATEMENTS AND	/ DATA					NO. CF
ELEMENT NUMBE	R	task e	LEMENT STA	ATEMENTS				OBJECTS	08JEC1
72.2.2.6	DETERMINE M	MEUVE	R TO ESTA	BLISH/ RESTORE SEQUENCE					
	TASK 1	YPE:	Α	COORD MEDIA:	FREQUENCY:	LC	:W	CRITICALITY: MED (Continued)	
12.2.2.6.2		restor	e sequence						
12.2.2.7				ON IN RESPONSE TO GROUND				<del></del>	
	TASK T	YPE:	A	COCRD MEDIA:	FREQUENCY	LC	)M	CRITICALITY: HI	
T2.2.2.7.1		deviat positi	ing direro an(s) and	ion and movement of oft/ vehicle and movement of other ground ntal Traffic Picture	j				
12,2.2.7.2			action to traffic	o be taken in response to deviation	0				
72.2.2.8	CBSERVE GRO	DUND TR	AFFIC DEV	IATION ON ASDE DISPLAY					
	TASK 1	TYPE:	R/A	COGRD MEDIA:	FREQUENCY	: L(	CM	CRITICALITY: HI	
T2.2.2.8.1		ÇOMPAR Airpo	E positio		n			rt_Surface_Detection_Equipment_Disp	
12,2,2,8,2	••••	RECOGN	IIZE groun	d traffic deviation			<b></b>		
T2.2.2.9	ISSUE INSTA	RUCTION	S TO RECO	VER FROM GROUND TRAFFIC	DEVIATION				
	TASK	TYPE:	vc	CCORD MEDIA: V	FREQUENCY	: 1	CW	CRITICALITY: HI	<b></b>
T2,2,2,9.1			o-Ground V	ommunicating ia TCS *deviation					
T2.2.2.10	OBSERVE AI	RCRAFT,	/ VEHICLE	RESUMING CONFORMANCE DIR	CCTLY				~
			R/A	CCORD MEDIA:	FREQUENCY	: L	OM	CRITICALITY: MED	
T2.2.2.10.1		COMPA		t/ vehicle position and ared position and motion					
12.2.2.10.2			NIZE aircr rmance	aft/ vehicle resuming					
T2.2.2.11	OBSERVE DI	SPLAY (	OF AIRCRAF	T/ véhiclé Resuming CONF	ORMANCE				
	TASK	TYPE:	R/A	COURD MEDIA:	FREQUENCY	: L	OM	CRITICALITY: MED	
T2.2.2.11.1		on _A	irport_Sur	in and movement of turget face_Detection_Equipment eared_position_and_motio	_		Airpo	ort_Surface_Detection_Equipment_Dlsp	lay 1
T2.2.2.11.2		_Targ	et_Positio _Data_Bloc	on ond motion of on_Symbol and/ or ok on_Situation_Display eared route of flight			Full	et_Position_Symbol Data_Block otion_Display	1 1 1
T2.2.2.11.3		ce_In	T absence	of _Altitude_Nonconformo   _Full_Dotu_Block on  lay	n		Full_	ude_Nonconformance_Indicator Data_Block Stion_Display	1 1 1
12.2.2.11.4			NIZE airer rmance	raft/ vehicle resuming					

		Task Element Report		
TASK NUMBER /	TASK STATEMENTS / DATA AND			NO. GF
ELEMENT NUMBE			OBJECTS	0BJEC1
2.2.2.12	INFORM OTHER GROUND TRAFFIC OF GROUND			
	TASK TYPE: VC COORD MED	IA: V FREQUENCY:	LOW CRITICALITY: HI	
2.2.2.12.1.1	PERFORM TCS, Communicating Air-To-Ground Via TCS *not deviation*		<del></del>	
2.2.3.1	RECEIVE PILOT REQUEST FOR TAXI INSTRU	ICTIONS		*****
	TASK TYPE: VC COORD MED	DIA: V FREQUENCY:	HI CRITICALITY: MED	
2.2.3.1.1	PERFORM TCS, Communicating Air-To-Ground Via TCS *reginstructions*		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
2.2.3.2	RECEIVE FOE OF DEPARTURE AIRCRAFT		·	
	TASK TYPE: R/A COORD MED	DIA: F FREQUENCY:	H] CRITICALITY: MED	
72.2.3.2.1	SCAN _Deporture_List on _Flight_Data_Display for n		Departure_List Flight_Data_Display	1
2.2.3.2.2	DETECT _Flight_Data_Entry _Departure_List		Flight_Doto_Entry Deporture_List	1
72.2.3.2.3	EXTRACT flight informacion _Departure_List on Fllight		FCC Departure_List	1
72.2.3.3	RECEIVE PILOT REQUEST FOR PUSHBACK/ P	POWERBACK INSTRUCTIONS	······································	
	TASK TYPE: VC COORD MED	DIA: V FREQUENCY:	HI CRITICALITY: LCW	
12.2.3.3.1	PERFORM TCS, Communicatin Air-lo-Ground Via TCS *re pusnback/ powerback instru	equest		
T2.2.3.4	REVIEW DEPARTURE LIST TO OPTIMIZE SEC	QUENCE		
	TASK TYPE: R/A COOR!) MED	DIA: FREQUENCY:	HI CRITICALITY: MED	
T2.2.3.4.1	SEARCH FDE in Departure informotion relevant to de sequence	List for	FDE Geparture_List	20 1
T2.2.3.4.2	EXTRACT Assigned Altitude Destination Airport, Dep EDCT, and/or Runway from Flight Data Entry in Depa	parture_Time, m	Assigned_Altitude Destination_Airport Departine_Time EDCT Runway Flight_Data_Entry	1 1 1 1 1 20
T2.2.5.4.3	INTEGRATE _Flight_Doto_Ent current departure sequence		Flight_Data_Entry	۵۷
 12.2.3.5	REVIEW POTENTIAL IMPEDIMENTS FOR IMPA			
	TASK TYPE: R/A COORD MEE		MED CRITICALITY: MED	
T2.2.3.5.1	SCAN Departure List for f potential impediment to pr clearance	FDE presenting roposed taxi	Departure_List	1
T2.2. <b>3.</b> 5 2	A/O SCAN System Environmental to Display for Airport [r presenting potential imper proposed toxi clearance	nformation	System_Environmental_And_Status_Data_Dispart_Information	olay 1 1

	task Eleme	Int Report	
TASK NUMBER	TASK STATEMENTS / DATA / AND		NO. CF
ELEMENT NUMB		OBJECTS	OBJECTS
T2.2.3.5	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED (	DEPARTURE	
	TASK TYPE. R/A COORD MEDIA:	FPEQUENCY: MED CRITICALITY: MEU (Continued)	
T2.2.3.5.3	SCAN airport traffic for potential impediment to proposed tuxi clearance		
12.2.3.5.4	INTEGRATE proposed taxi clearance and potential impeaiments with Mental Traffic Picture		
T2.2.3.5.5	ASSESS impact of impediments on proposed taxi clearance		
T2.2.3.6	REVIEW DISPLAY OF TRAFFIC MANAGEMENT RESTRICTIONS FU	R EFFECT ON SEQUENCE	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
72.2.3.6.1	SEARCH_Flight_Data_Entry in _Departure_List_for_EDCT	Flight_Data_Entry Departure_List	20 1
T2.2.3.6.2	EXTRACT _EDCT from _Flight_Cuta_Entry in Departure List	EDCT Flight_Data_Entry	10 20
T2.2.3.6.3	INTEGRATE _EDCT with Mental Traffic Picture	EDCT	13
T2.2.3.6.4	ASSESS effect of _EDCT on current departure sequence	EDCT	1.)
T2.2.3.7	RESEQUENCE FDE MANUALLY	······································	
	TASK TYPE: E COORD MEUTA:	FREQUENCY: HI CRITICALITY; LOW	
72.2.3.7.1	INITIATE Manually Order FDE message to resequence Flight Data Entry on Flight Data Display	Monuplly_Order_FOE Flight_Data_Entry	1
T2.2.3.7.2	EXECUTE _Manually_Post_FDE message	Manually_Post_FDE	1
T2.2.3.7.3	CETECT new location of Flight Data Entry on Flight_Data_Display	Flight_Data_Entry Flight_Data_Display	1
12,2.3.8	INFORM PILOT OF CURRENT ATIS (HIND/ ALTIMETER/ RUNNA	V IN USE)	
	TASK TYPE: R/VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: HI	
T2.2.3.8.1	SEARCH _Airport_Environmental_Data on _ _System_Environmental_And_Stacus_Data_Di splay for ATIS information	Airport Environmental Data System_Environmental_Ana_Status_Data_Disple	1 ay 1
12.2.3.8.2	EXTRACT Altimeter_Setting, _CF_Wind_Direction, _CF_Wind_Speed, _CF_Wind_Gust_Speed, _Remote_Surface_Wind_Direction, and _Remote_Surface_Wind_Speed	Altimeter_Setting CF_Wind_Direction CF_Wind_Speed CF_Wind_Gust_Speed Remote_Surface_Wind_Direction Remote_Surface_Wind_Speed	1 1 1 1 !
T2.2.3.8.3	*SEARCH Airport Information on _System_Environmental_And_Status_Datu_Di splay for current active runway	Airport_Information System_Environmental_And_Status_Data_Displa	1 ay 1
T2.2.3.8.4	*EXTRAC1 _Active_Runway from _Airport_Information	Active Rurway Airport_Information	1

	Tosk Elem	ent Report	
TASK NIMPER /	TASK STATEMENTS / DATA AND		NO. CF
ELEMENT NUMBE	AND R TASK ELEMENT STATEMENTS	OBJECTS	OBJECT:
2.2.3.8	INFORM PILOT OF CURRENT ATIS (WIND/ ALTIMETER/ RUMAN		
	TASK TYPE: R/VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: HI (Continued)	
72.2.3.8.5	PERFORM TCS, Communicating Air-To-Ground Via TCS *ATIS data*		
2.2.3.9	ISSUE INSTRUCTIONS FOR PUSHBACK/ POWERBACK	·	
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: MED	
2.2.3.9.1	PERFORM TCS, Communicating Air-To-Ground Via TCS *pushbuck/ powerback instructions*		
2.2.3.10	VERIFY PILOT HAS CURRENT ATIS		
	TASK TYPE: R/A/VC CUGRO MEDIA: V	FREQUENCY: LOW CRITICALITY: MED	
T2.2.3.10.1	COMPARE AllS Code received with Identification_Of_Message_By_Alphabetic _Character A/O	Identification Of Message By Alphabetic Ch	ngrg 1
72.2.3.10.2	PERFORM TCS, Communicating Air-To-Ground Via TCS *}atest ATIS message received by pilot*		
72.2.3.10.3	DECIDE pilot has current ATIS information		
T2.2.3.11	TRANSFER FDE TO UTHER CONTROLLER		
	TASK TYPE: E COORD MEDIA: F	FREQUENCY: HI CRITICALITY: MED	
ĭ2.2.3.11.1	INITIATO _Pos-To-Pos_Transfer_Of_Data message	Pos-To-Pos_Transfer_Of_Data	1
12.2.3.11.2	<pre>INDICATE _ilight_ldentification</pre>	Flight_Identification	1
12.2.3.11.3	INDICATE _Receiving_Position	Receiving_Position	1
T2.2.3.11.4	EXECUTE _Pos-To-Pos_Transfer_Of_Data message	Pos-To-Pos_Transfer_Of_Oato	1
T2.2.3.11.5	<pre>CETEST disappearance of   Flight Data Entry from   Flight Data Display</pre>	Flight_Data_Entry Flight_Data_Display	1
T2.2.3,12	DISCUSS SEQUENCING WITH LUCAL CONTROLLER		
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: MED CRITICALITY: MED	
12.2.3.12.1	PERFORM TCS. Instituting TCS G/G Communications *sequencing*		
T2.2.3.12.2	A PERFORM ICS, Receiving ICS G/G Communications *sequencing*		
T2,2,3,13	ENTER RUNNAY ASSIGNMENT FOR ATHORAGET	·	
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
12.2.3.13.1	*INITIATE _Runway_As <ignment _message<br="">*as needed to override automatic system assignment*</ignment>	Rurway_Assignment	1

	, ,	Task Eleme	ent Report		
TASK NUMBER .	TASK STATEMENTS / / ANO				NO. CF
ELEMENT NUMBI	/ AND ER TASK ELEMENT STAT	EMENTS		OBJECTS	06JECT
2.2.3.13	ENTER RUNUAY ASSIGNMENT FOR				
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOJ	CRITICALITY: MED (Continued)	
2.2.3.13.2	INTRODUCE _Flight	_Identification	f	flight_Identification	1
2.2.3.13.3	INTRODUCE _Runway		F	Runway	1
72.2.3.13.4	EXECUTE _Runway_A *assign*	ssignment message	F	Runway_Assignment	1
r2,2.3.1 <b>3</b> .5	_	_Assignment results	F	Runway_Assignment	1
2.2.3.14	ENTER TAXE STARE TIME				
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: HI	CRITICALITY: LOW	
2.2.3.14.1				- - - - - - - - - - - - - - - - - - -	1
12.2.3.14.2	INDICATE _Time >	taxı start time∗		Time	1
72.2.3.14.3	EXECUTE _Tax1_Sta	ort_lime function		Taxi_Start_Time	1
T2.2.4.1	RECEIVE NOTICE OF MOVEMENT	REA CLOSURE/ REOPENING			
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: MED	CRITICALITY: MED	
72.2.4.1.1	change*	ceiving TCS G/G Movement area status			
72.2.4.1.2	O PERFORM TEM M.1, *movement area si	Receiving ATC Mail atus change*			
T2.2.4.2	OBSERVE DISPLAY OF MOVEMENT	AREA STATUS CHANGE			
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T2.2.4.2.1		formation in System d Status Data Display		Airport_Information	1
12.2.4.2.2	EXTRACT _Active_	Runways *changed*		Active_Runways	1
T2.2.4.2,3	EXTRACT _Closed_	Runways *changed*		Closed_Rurmoys	1
T2.2.4.3	ENTER SYSTEM ENVIRONMENTAL	AND STATUS DATA CHANGE ME	SSAGE		.=
	TASK TYPE: E	COORD MEDIA:	FREQUENCY. LOW	CRITICALITY: MED	
T2.2.4.3.1		nter change to displayed aviron_&_Status_Data_Dis		Sys_Environ_&_Status_Oata_Oisplay	1
12.2.4.3.2		ategory *in System d Status Data Disploy*		Data_Category	1
T2.2.4.3.3	INTRODUCE _Text	*new data*		Text	í
12.2.4.3.4	EXECUTE _System_ function	Status_Data_Change		System_Status_Data_Change	1 .
12.2.4.4	REQUEST RELEASE OF CLOSED M	OVEMENT AREA		#	
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CFITICALITY: MED	-
T2.2.4.4.1	PERFORM TCS, In Communications release*				

	Task Elem	ent Report		
TASK NUMBER / ELEMENT NUMBE	TASK STATEMENTS / DATA	OE	BJECTS	NC. OF OBJECTS
2.2.4.4	REQUEST RELEASE OF CLOSED MOVEMENT AREA			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
12.2.4.4.2	PERFORM TEM M.2. Sending ATC Moil *request movement area release*	<b>\</b>		
T2.2.4.5	ISSUE INSTRUCTIONS TO DIVERT TRAFFIC AROUND CLOSED M			
	TASK TYPE: VC CGORD MEDIA: V	FREQUENCY: MED	CRITICALITY: MED	
T2.2.4.5.1	PERFORM TCS, Communicating Air-To-Ground Via TCS *divert traffic around closed movement area*			
T2.2.4.6	RECEIVE RELEASE/ USE OF CLOSED MOVEMENT AREA			
	TASK TYPE: R/VC CCORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T2.2.4.6.1	PERFORM TCS, Receiving TCS G/G Communications *release/use of closed movement area*			
12.2.4.6.2	PERFORM IEM M.1. Receiving ATC Mail *release/use of closed movement grea*			
72.2.4.7	RECEIVE DENIAL OF USE OF CLOSED MOVEMENT AREA			
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LCW	CRITICALITY: MED	
T2.2.4.7.1	PERFORM TCS. Receiving TCS G/G Communications *denial of use of closed movement area≄	·		
†2.2.4.7.2	0 PERFORM TEM M.1, Receiving ATC Mail *denial of use of closed movement area*			
T2.2.5.1	RECEIVE PILOT/ VEHICLE OPERATOR REQUEST FOR MOVEMEN	T IN/ THROUGH MOVEMENT	AREA	
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: HI	CRITICALITY: MED	
T2.2.5.1.1	PERFORM TCS. Communicating Air-To-Ground via T^S *request movement through movement area*			
12.2.5.2	DETERMINE NEED FOR TEMPORARY RELEASE OF MOVEMENT AR			
	TASK TYPE: A COURD MEDIA:	FREQUENCY: MED	CRITICALITY: MED	
T2.2.5.2.1	INTEGRATE requested aircraft/vehicle movement with own/other controllers' responsibilities for portions of movement area			
12.2.5.2.2	DECIDE need for temporary use of portion of movement area under other control			
	ISSUE INSTRUCTION TO HOLD SHORT OF ACTIVE RUNNAY		, - u u <b>- 2 - 2</b> - 1 - 1 - 1 - 2 - 2 - 3 - 7	
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: HI	CRITICALITY: HI	
T2.2.5.3.1	PERFORM TCS. Communicating Air-To-Ground via TCS *hold short of active runway*			
T2.2.5.4	REQUEST TEMPORARY RELEASE OF MOVEMENT AREA			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: MED	CRITICALITY: MED	
T2.2.5.4.1	DECIDE need for temporary use of another's movement area			

	Task			****
TASK NUMBER /	TASK STATEMENTS / DATA PND			NO. CF
	AND TASK ELEMENT STATEMENTS		OBJECTS	OBJECT
	QUEST TEMPORARY RELEASE OF MOVEMENT AREA			
			CRITICALITY: MED (Continued	
12.2.5.4.2	PERFORM TEM M.2. Sending ATC Mail *request temporary release of movemoreae*			
12.2,5,4,3	PERFORM TCS, Initiating TCS G/G Communications *request temporary release of movement area*			
T2.2.5.5 01	SCUSS RELEASE OF MOVEMENT AREA WITH OTHER CO	NTROLLER		
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: MED	CRITICALITY: MED	
T2.2.5.5.1	DECIDE need to discuss movement ore release*	c		
τ2.2.5.5.2	PERFORM TCS, Initiating TCS G/G Communications *temporary release movement area*	of		
₹2.2.5.3.3	PERFORM TCS, Receiving TCS 6/6 Communications *temporary release movement area*	of		
T2.2.5.6 RE	CEIVE DELAY OF TEMPORARY RELEASE OF MOVEMENT	AREA		.=
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: MED	CRITICALITY: MED	
T2.2.5.6.1	PERFORM TCS, Receiving TCS G/G Communications *delay of movement release*			
T2.2.5.6.2	O PERFROM TEM M.1, Receiving ATC Mai *delay of movement area release*	1		
T2.2.5.7 RI	ECEIVE DENIAL OF TEMPORARY USE OF MOVEMENT AR	EA		**********
	TASK TYPE: R/VC COURD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T2.2.5.7.1	PERFORM TCS, Receiving TCS G/G Communications *denial of temporar movement area use*			,
T2.2.5.7.2	O PERFORM TEM M.1. Receiving ATC Mai *denial of temporary movement area			
12.2.5.8 R	ECEIVE APPROVAL OF TEMPORARY USE OF MOVEMENT	AREA		
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: MED	CRITICALITY: MED	
T2.2.5.8.1	PERFORM TCS, Receiving TCS G/G Communications *opproval for tempo movement area use*	prany		
T2.2.5.8.2	O PERFORM EM M.1. Receiving ATC Mai *approval for temporary movement ar use*			
T2.2.5.9 I	SSUE APPROVAL/ INSTRUCTIONS FOR GROUND MOVEME	ENT		
	TASK TYPE; VC COORD MEDIA: V	FREQUENCY: 'II	CRITICALITY: HI	
T2.2.5.9.1	PERFORM TCS, Communicating Air-To-Ground via TCS *ground move instructions*	ement		

		Task Elem	ent Report 			
TASK NUMBER /	TASK STATEMENTS AND R TASK ELEMENT STA	/ DATA				NO. OF
ELEMENT NUMBE					CBJECTS	OBJECT
2.2.5.10	DENY GROUND MOVEMENT REQUES	T				
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: 1	-OM	CRITICALITY: MED	
2.2.5.10.1	PERFORM TCS, Co			• • • • • • • • • • • • • • • • • • •		
2.2.5.11	ENTER REMINDER OF TEMPORARY	MOVEMENT AREA RELEASE				
	TASK TYPE: E	COORD MEDIA:	FREQUENCY:	MED	CRITICALITY: HI	
2.2.5.11.1	!NTRODUCE _Text area release*			Text		1
72.2.5. 11.2	EXECUTE _Control	ler_Annotation function		Contr	olier_Annotation	1
72,2.5.12	GETERMINE GROUND MOVEMENT	COMPLETED				
	TASK TYPE: A	COORD MEDIA:	FREQUENCY:	HI	CRITICALITY: HI	
72.2.5.12.1	INTEGRATE currer position with p	nt aircraft/vehicle Lanned movement				
72.2.5.12.2	DECIDE ground ma	ovement complete				
12.2.5.13	FORWARD NOTICE OF RETURN OF	RELEASED MOVEMENT AREA				
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY:	LOW	CRITICALITY: LCW	
T2.2.5.13.1		nitiating TCS G/G *movement area return*			· · · · · · · · · · · · · · · · · · ·	
72.2.5.13.2	PERFORM TEM M.2 *movement area	, Sending ATC Moll return*				
T2.2.5.14	DELETE REMINDER OF TEMPORA	RY MOVEMENT AREA RELEASE				
	TASK TYPE: E	COORD MEDIA:	FREQUENCY:	MED	CRITICALITY: HI	
12.2.5.14.1	INITIATE Delet ea_Release mess	e_Reminder_Of_Movement_Ar age		Oele	te_Reminder_Of_Movement_Areo_Release	1
12.2.5.14.2	EXECUTE _Delete _Release massag	_Remnder_Of_Movement_Area e		Dele	te_Remnder_Of_Movement_Area_Release	1
12.2.5.14.3		f _Movement_Area_Pelease_ nder_Movement_Area_Diagra		Move Remi	ment_Area_Release_Status nder_Movement_Area_Diogram	1
T2.2.6.1	RECEIVE REQUEST FOR TEMPOR	ARY RELEASE OF MOVEMENT AR	<del>-</del> REA			
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY:	FGI1	CRITICALITY: MED	
72.2.6.1.1		eceiving TCS G/G *request temporary			<del></del>	
12.2.6.1.2	O PERFORM TEM M.1	, Receiving ATC Mail ary movement area				
T2.2.6.2	DBSERVE CURRENT TRAFFIC IN					
	TASK TYFE: R/A	COURD MEDIA:	FREQUENCY:	MSD	CRITICALITY: MED	
T2.2.6.2.1	SCAN Movement A					~

	<del>-</del>			ment Report		
TASK NUMBER / ELEMENT NUMBER	•	TASK STATEM ANI	ENTS / DATA D			NO. CF
ELEMENT NUMBER	R .	TASK ELEMEN	T STATEMENTS		OBJECTS	OBJECTS
2.2.6.2	OBSERVE CURI	RENT TRAFFI	C IN MOVEMENT AREA			
	TASK T	YPE: R/A	COORD MEDIA;	FREQUENCY: MED	CRIFICALITY: MED (Continued)	
12.2.6.2.2		EXTRACT airi Movement Ari	craft/venicle locations in ea			
r2.2.6.3	EVALUATE FE	ASIBILITY O	F RELEASING MOVEMENT AREA TEM			
	TASK T	YPE: A	COORD MEDIA:	FREQUENCY: MED	CRITICALITY: MED	
r2.2.6.3.1			equestea movement with Mental			
T2.2.6.3.2	!	releasea os	·			
T2.2.6.4	_		EMPORARY USE OF MOVEMENT AREA			
	TASK T	YPE: E/VC	COORD MEDIA: V/M	FREQUENCY: MED	CRITICALITY: MED	
12.2.6.4.1		PERFORM TEM *approval o	M.2. Sending ATC Moil f movement area release*			
12.2.6.4.2		PERFORM TOS	, Initiating TCS G/G ons *approval of movement e*			
72.2.6.5	FCRWARD DEN	IAL OF TEMP	ORARY USE OF MOVEMENT AREA			
	TASK T	YPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T2.2.6.5.1		PERFORM 105	i, Initioting TCS G/G ons *denial of temporary rea use*			
T2.2.6.5.2			O M.A., Sending ATC Mail temporary movement area use*			
12.2.6.6	RECEIVE RET	TURN OF MOVE	MENT AREA TEMPORARILY RELEAS	ED		
	TASK 1	TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: LOW	
T2.2.6.6.1		Communicati	5. Receiving TCS G/G lons *return of temporarily ovement area*			
T2.2.6.6.2			O 1 M.1, Receiving ATC Mail temporarily released movemen	t		
T2.2.7.1	RECEIVE NOT	TICE OF RUN	NAY/ TAXIWAY USAGE CHANGE			
	TASK 1	TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
T2.2.7.1.1						
12.2.7.1.2			O 1 M.1, Receiving ATC Muil kiway open/close*			
T2.2.7.2	OBSERVE DIS	SPLAY OF RU	WAY/ TAXIWAY USAGE CHANGE			
	TASK 1	TYPE: R	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
T2.2.7.2.1		SCAN Sys	Environ_&_Status_Data_Display	Sve	s_Environ_&_Status_Data_Display	 1

		Task Ele	ment Report			
TASK NUMBER /	TASK STATEMENTS	5 / DATA				NO. CF
ELEMENT NUMBER	AND TASK ELEMENT S	FATEMENTS		OBJECTS		OBJECTS
2.2.7.2 OBS	ERVE DISPLAY OF RUNUAY,	/ TAXIWAY USAGE CHANGE				
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	(Continued)	
2.2.7.2.2	EXTRACT _Active	_Runway or _Closed_Runway	Ac	tive_Runway		1
	or _Active_lux:	iway or _Closed_Taxiway (	Ac	osed_Runway ctive_Taxiway		1
			Cl	.osed_Taxiway		1
72.2.7. <b>3</b> REV	IEW SITUATION DISPLAY	TO OPTIMIZE DEPARTURE SEQU	ENCE			
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED		
T2.2.7.3.1	SCAN _Situatio	n_Display for position and	Si	ituation_Display		1
	movement of Po	sition Symbols. Data ather Descriptors				
	affecting Depa	rture Sequence				
12.2.7.3.2	INTEGRATE Pos	ition_Symbol, _Data_Block, escriptor on Situation		osition_Symbol eta Block		15 15
		ental Traffic Picture		eather_Descriptor		2
12.2.7.3.3		of airborne traffic and				
	weather on dep	arture sequence				
T2.2.7.4 DIS	CUSS ACTIONS TO RESPON	D TO RUNWAY/ TAXIWAY CHANG	E			
	TASK TYPE: VC	CCORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED		
T2.2.7.4.1		Initiating TCS G/G				
	Communications runway/taxiway	*response to change*				
12.2.7.4.2	A PERFORM TCS,	Receiving TCS G/G				
	Communications runway/taxiway					
T2.2.8.1 08	SERVE DIRECTLY A MOVEME	NT AREA INTRUSION BY NON-	CONTROLLED OBJECT			
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY, HI		
T2.2.8.1. i	SCAN airport o	rea				+==-
12.2.8.1.2	PERCEIVE non-c into movement O	ontrolled object intruding area	9			
T2.2.8.1.3	PERCEIVE non-c	controlled object				
		mal, debris, etc.¥ ⊓ movement area				
72.2,8,2 RE	CEIVE NOTICE OF MOVEMEN		ONTROLLED OBJECT			
-	TASK TYPE: R/VC	COURD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI		
T2.2.8.2.1	PERFORM TEM M.	1, Receiving ATC Moil			<b></b>	
	*non-controlle					
T2.2.8.2.2		Receiving TCS G/G *non-controlled object*				
T2.2.8.3 IN	FORM OTHER CONTROLLER/	SUPERVISOR/ TRAFFIC OF MO	VEMENT AREA INTRUS	ION BY NON-CONTROLLED	OBJECT	
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI		
T2.2.8.3.1		ce of significant d Object offecting movemen	**			

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TACK MUMBED /	TACK CTA	TEMPRITO / DATA			NO OF
TASK NUMBER / ELEMENT NUMBER		AND MENT STATEMENTS		OBJECTS	NO. SF OBJECT:
2.2.9.3 II	NEORM OTHER CONTROL	LLER/ SUPERVISOR/ TRAFFIC O	S MOVEMENT AREA INTRUSTO	ON BY NON-CONTROLLED OBJECT	
	TASK TYPE: E/	VC COORD MEDIA: V/M	FREQUENCY: LON	CRITICALITY: HI (Continued	d)
12.2.8.3.2		TEM M.2, Sending ATC Mail trolled object* O			
72.2.8.3.3	PERFORM Communic	TCS, Initiating TCS G/G ations *non-controlled obj O	ect*		
12.2.8.3.4		TCS, Communicating round Via TCS *non-control	led		
12.2.8.4 0	BSERVE NON-CONTROL	LED OBJECT PROGRESS THROUGH	I MOVEMENT AREA		
	TASK TYPE: R/	A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
T2.2.8.4.1		ement area to follow progre rolled Object	ess of		
T2.2.8.4.2	observed	relotionship of directly Goircraft/vehicles to poth rolled Object	of		
72.2.8.5 C	BSERVE NON-CONTROL	LED OBJECT ON ASDE DISPLAY		·	
	TASK TYPE: R/	'A COGRD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
12.2.8.5.1		SDE_Display		Ot_Display	1
12.2.8.5.2	_Airport non-cont	Aircraft/Vehicle_Radar_Outo _Video_Map_showing _rolled_object_intrusion_int .ed_movement_orea	Ai	rcraft/Venicle_Rodar_Data rport_Viaeo_Map	1
T2.2.8.6 R	ECEIVE REPORT UPDA	ATE OF NON-CONTROLLED OBJECT	T MOVEMENT	~~~~	<b>--</b>
	TASK TYPE: VO	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
12.2.8.6.1	PERFORM Air-To-6	TCS, Communicating Ground via TCS *non-control novement*		- 180	*************
12.2.8.6.2		TEM M.1. Receiving ATC Mointrolled object movement*	il		
T2.2.8.7 F	EQUEST RESPONSE FR	ROM PILOT/ OPERATOR OF NON-	CONTROLLED OBJECT		
	TASK TYPE: VO	COORD MEDIA: V	FREQUENCY: LOW	CRITICALIT': HI	
12.2.8.7.1	PERFORM Air-To-( communic	TCS, Communicating Ground via TCS *attempt cation*			
12.2.8.8		ATOR WHEN CLEAR OF NON-CONTI			
,	TASK TYPE: VO	C COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED	
12.2.8.8.1	Air-To-( vehicle	TCS, Communicating Ground *advising aircraft/ clear of non-controlled ob	ject*		
T2.3.1.1	RECEIVE PILOT REQU				
	TASK TYPE: V	C COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED	
12.3.1.1.1	PERFORM	TCS, Communicating Ground Via TCS *clearonce	~=~		

		Task Ele	ment Repart			
TASK NUMBER /	TASK STATEM AN					NG. TF
ELEMENT NUMBE		T STATEMENTS			CBUECTS	OLJECT
2.3.1.2	REVIEW POTENTIAL IMPLO	IMENTS FOR IMPACT ON PROPOSED	_			
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LO	M	CRITICALITY: MLD	
[2.3.1.2.1 ,	airspace, a	tuotion_Display for terrain, r other obstocles in the way trajectory		Situal	tion_Display	1
2.3.1.2.2	*EVALUATE _ conflicts			Flight	t_Data_Entry	1
12.3.1.2.3	_Arrival_Li	A parture_list and st for other flights possibly with proposed clearance A			ture_List al_List	1
F2.3, 1, 2.4	lay *for t potential 1	RENC_Controller_Notepod_Disp ime_and/or_location of mpediments, contingencies, operations*	•	Contro	uller_Notepad_Display	1
12.3.1.2.5	1ntormation	controller notes, situation i, and departure and arrival with Mental Traffic Picture				
T2.3.1.2.6	ASSESS proj clearance	ected impacts on proposed				
T2.3.1.3	TRANSFER FDE TO CLEARA	NCE DELIVERY/ FLIGHT DATA FOR				
	TASK TYPE: E	COORD MEDIA: F	FREQUENCY: LO	W	CRITICALITY: MED	
72.3.1.3.1		ransfer For Amenament message			fer_For_Amenament	1
T2.3,1.3.2	INDICATE _F	light_Identification		Fligh	t_laentification	1
T2.3.1.3.3	EXECUTE _Tr	onsfer_For_Amendment message		Trons	fer_Fer_Amendment	1
T2.3.1.3.4		absence of _Flight_Data_Entry ure_List on Flight Data		Flign Depar	t_Data_Entry ture_tist	1 1
T2.3.1.4	FCRMULATE A CLEARANCE	WITH APPROPRIATE INSTRUCTIONS		·		
	TASK TYPE: A	COORD MEDIA:	FREQUENCY: LC	)W	CRITICALITY: MED	
T2.3.1.4.1		Mental Traffic Picture with s and conditions				
T2.3.1.4.2	DECIDE clea	grance needed *for is unce*				
T2.3,1.4.3		elements of appropriate including necessary ns				
T2.3.1.5	DENY CLEARANCE REQUES	<del></del>				
	TASK TYPE: VC	COORD MEDIA: V	FREQUENC": LO	0W	CRITICALITY: MED	
T2. <b>3</b> .1.5.1	considerin Special U	deny clearance uest, g _Flight_Data_intry, se_Airspace, atus_Data, _Weather_Descripto	r	Speci Syste	nt_Dota_Entry .al_Use_Airspoce em_Status_Dota ner_Descriptor	15 1 20 1
T2.3.1.5.2	PERFORM TE *clearance	M M.2, Sending ATC Mail denial* O				

	Tosk Elem	ment Report		
TASK NUMBER /	TASK STATEMENTS / DATA AND			NO. OF
ELEMENT NUMBE	R TASK ELEMENT STATEMENTS		OBJECTS	OBJECTS
2,3,1.5	DEMY CLEARANCE REQUEST			
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
2.3.1.5.3	PERFORM TCS, Initiating TCS G/G Communications *clearance denial*			
12.3.1.5,4	PERFORM TCS, Communicating Air-To-Ground Via TCS *clearance denial*			
T2.3.1.6	ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT			
	TASK TYPE: VC COURD MEDIA: V	FREQUENTY: LOW	CRITICALITY: MED	
72.3.1.6.1	PERFORM TCS, Communicating Air-To-Ground Via TCS *current clearance and instructions*			
<del></del> 72.3.1,7	SUGGEST CLEARANCE ALTERNATIVES TO PILOT			
	TASK TYPE: A/VC COORU MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED	
72.3.1,7.1	INTEGRATE mental traffic picture with possible clearance alternatives			
72.3.1.7.2	FORMULATE clearance alternative			
12.3.1,7.3	PERFORM TCS, Communicating Air-To-Ground Via TCS *clearance alternative*			
12.3.1.8	EMPHASIZE FDE FOR REMINDER ACTION			
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T2.3.1,8.1	DECIDE need for emphasizing _Flight_Data_Entry item	Flig	pht_Data_Entry	1
12.3.1.8.2	SELECT significant _Flight_Data_Entrv *FDE field emphosis*	Flight_Data_Entry		1
72.3.1.8.3	<pre>TRANSFORF selected _Flight_Data_Entry item</pre>	Flig	ght_Duta_Entry	1
TZ.3.1.9	DELETE FOE EMPHASIS		,	
	TASK TYPE: E CCORG MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
12.3.1.9.1	INITIATE _FCE_And_Dataield_Emphasis message for deletion of emphasized data field in _Flight_Data_Entry on Flight Data Display		And_Datn_Field_Emphasis Ght_Data_Entry	1
T2.3.1.9.2	EXECUTE _FDE_And_Oats_Field_Emphasiis	FDE_	_And_Dcco_Field_Emphasiis	1
T2.3.1.9.3	RECOGNIZE removal of emphysis in flight data field in _Flight_Data_Entry	Flig	ght_Duta_Entry	1
T2.3.2.1	RECEIVE NOTICE OF SPECIAL CONDITION/ EMERGENCY		······································	
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW		
T2.3.2.1.1	PERFORM TEM M.1, Receiving ATC Mail *notice of aircraft problem* A/O			

	Task Ele	ment Report	
TASK NUMBER /	TASK STATEMENTS / DATA / AND ER TASK ELEMENT STATEMENTS		NO. CF
ELEMENT NUMBE		OBJECTS	OBJECTS
72.3.2.1	RECEIVE NOTICE OF SPECIAL CONDITION/ EMERGENCY		
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LCW CRITICALITY: HI (Continued)	
T2.3.2.1.2	PERFORM TCS. Receiving TCS G/G Communications *notice of aircraft problem* O		
*2.3.2.1.3	PERFORM TCS, Communicating Air-To-Ground Via TC3 *pilot notice of pirchaft problem* A/O		
12.3,2.1.4	DETECT emphasized Exception Beacon Code in Full_Data_Block of Situation Display *inaicating presence of special condition or emergency*	Exception_Beacon_Code y Full_Dato_Block	1
77.3.2.1.5	DETECT_Aircraft_Emergency on _Alert_And_Resolution_Display *with dural alarm* and _Exception_Beacon_Code	Aircraft_Emeryency Alert_And_Resolution_Gisplay Exception_Beacon_Code	1
°2.3.2.1.6	INTEGRATE information regarding special condition or emergency		
72.3.2.2	CBSERVE AIRCRAFT/ VEHICLE ABNORMALITY DIRECTLY		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LCW CRITICALITY: HI	
*2.3.2.2.1	SCAN specific dircraft/ vehicle for abnormal condition		
T2.3.2.2.2	RECOGNIZE direraft/ vehicle abnormal condition		
T2.3.2.2.3	ASSESS seriousness of observed aircaft or vehicle abnormality		
T2.3 2.3	PERCEIVE PRESENCE OF SPECIAL CONDITION/ EMERGENCY	AURALLY	
	TASK TYPE: A/VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: HI	
72.3.2.3.1	PERFORM TCS, Communicating Air-To-Ground Via TCS *detect erratic pilot communication behavior*		
T2.3.2.4	FORWARD SPECIAL CONDITION/ EMERGENCY INFORMATION T	O SUPERVISOR/ OTHER CONTROLLER	
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI	
T2,3.2.4.1	PERFORM TEM M.2, Sending ATC Mail *contingency information* A/O		
T2.3.2.4.2	PERFORM TCS. Initiating TCS G/G Communications *contingency information*		
T2.3.2.5	DECLARE EMERGENCY AND INVOKE CONTINGENCY PLAN		
	TASK TYPE. E/A/V3 COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: 41	
T2.3,2.5,1	CECIDE if aircraft emergency situation exists		
T2.3.2.5.2	PERFORM TEM M.2. Sending ATC Mail *existence of amergency* A/O		

		Task Eler	ment Report		
TASK AUMBED /	TASK STATEMENTS	S / DATA			NO. OF
ELEMENT NUMBER	AND TASK ELEMENT ST			OBJECTS	OBJECTS
2.3.2.5	DECLARE EMERGENCY AND INVO				
	TASK TYPE: E/A/VC	COORD MEDIA: V/N	FREQUENCY: LOW	CRITICALITY: HI (Continued)	
72.3.2.5.3		Initiating TCS G/G *existence of emergency*			
72.3.2.5.4		Initiating TCS G/G *as required to ingency plan*			
12.3.2.6	RECEIVE SUPERVISOR NOTICE	OF EMERGENCY DECLARED AND	CONTINGENCY PLAN IN	IVOKED	
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
72.3.2.6.1		1, Receiving ATC Mail lanation and contingency			
72.3.2.6.2	PERFORM TCS,	Receiving TCS G/G *emergency declaration y plan*			
12.3.2.5.3	INTEGRATE cont traffic pictur	ingency plan into mental e			
T2.3.2.7	ISSUE TAXI INSTRUCTIONS T	O HOLD/ RERUUTE GROUND TRA	FFIC CLEAR OF SPECIA	L CONDITION/ EMERGENCY	
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LON	CRITICALITY: HI	
T2.3.2.7.1	PERFURM TCS, C via TCS *taxi	ommunicating Air-To-Ground instructions*			
T2.3.2.8	JNFGRM PILOT/ VEHICLE OPE	RATOR OF ABNORMAL AIRCRAFT	/ VEHICLE CONDITION		
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
T2.3.2.8.1	PERFORM ICS. Air-To-Ground	Communicating Via TCS *contingency pilot or ground vehicle			
T2.3.2.9	ISSUE TAXI INSTRUCTIONS T	O SPECIAL CONDITION/ EMERG	SENCY AIRCRAFT		
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
T2.3.2.9.1	PERFORM TCS, C via TCS *taxi	communicating Air-To-Ground instructions*	I		
12.3.2.10	CONDUCT RAMP SEARCH FOR C	VERDUE AIRCRAFT		·	
	TASK TYPE: R	CGORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW	
T2 3.2.10.1	PERFORM TCS, C via TCS *ramp A/		j		
T2.3.2.10.2	SEARCH namp ur	ea for aircraft having is and aircraft type of ift			
T2.3.2.11	REQUEST RAMP SEARCH FOR C			~ W - 7 \$ V , r = 4 4 2 # ~ H = 4 &	
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: LOW	
т2.3.2.11.1	PERFORM TCS, 1	initiating TCS G/G *request ramp search*			

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TASK NUMBER /	TASK STATEMENTS AND TASK ELEMENT STA	/ DATA			NO. CF
ELEMENT NUMBER	TASK ELEMENT STA			OBJECTS	0BJEÇT
72.3.2.11 RE	EQUEST RAMP SEARCH FOR OVE				
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: LOW (Continued)	
T2.3.2.11.2	PERFORM TEM M.2 *request ramp se	. Sending ATC Mail earch*			
72.3.2.12 I	SSUE INSTRUCTIONS FOR REQU				
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
T2.3.2.12.1	PERFORM TCS, Cor via TCS *emenga deployment*	mmunicating Air-To-Ground			
Τ2.3.2.12.2	Communication deployment*	itioting TCS G/G *emergency equipment			
T2,3,2,12,3		, Sending ATC Mail oment deployment*			
T2.3 2.13 R	ECEIVE NOTICE OF TERMINAT	ION OF SPECIAL CONDITION/	EMERGENCY	·	
	TASK TYPE: R/YC	COORD MEDIA: V/M	FREQUENCY: LON	CRITICALITY: MED	
T2.3.2.13,1	FERFORM TEM M.1 #termingtion of emergency#	, Receiving ATC Mail special condition/			
T2.3.2.13.2	Communications condition/ emer	eceiving TCS G/G *termination of special			
T2.3.2.13.3	0 PERFORM TCS, C Air-To-Ground V special conditi	ia TCS *termination of			
T2.3.2.14 F	CRWARD NOTICE OF TERMINAT	ION OF SPECIAL CONDITION,	' EMERGENCY		
	TASK TYPE: E/VC	COURD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
72.3.2.14.1	PERFORM TEM M.2 *termination of emergency*	, Sending ATC Mail special condition/			
72.3.2.14.2	Communications condition/ ener	nitiating TCS G/G *termination of special			
12.3.2.14.3	special cenditi	is TCS *termination of on/emergency*			
	REVIEW CONTINGENCY CHECKLI				
	TASK TYPE: E/R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
T2.3.2, 15.1		ay Static Information ngency plan checklist*	Di	splay_Static_Information	I
T2.3.2.15.2	EXECUTE _Displo message	gy_Static_Information	Di	splay_Static_Information	1
T2.3.2.15.3	CROSS-REFERENCE checklist	Contingency plan			

		ent Report	
TASK NUMBER /	TASK STATEMENTS / DATA AND R TASK ELEMENT STATEMENTS		NO. CF
ELEMENT NUMBE	R TASK ELEMENT STATEMENTS	OBJECTS	OBJECTS
12.3.2.15	REVIEW CONTIN' TNCY CHECKLIST ON STATIC DISPLAY		
	TASK TYPE: E/R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI (Continued)	
12.3.2.15.4		plan checklist	1
T2.3.2.16	INFORM DESIGNATED PERSONNEL OF SPECIAL CONDITION/ EM	IERGENCY	
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI	
T2.3.2.16.1	PERFORM TEM M.2, Sending ATC Mail *contingency information* A/O		
T2.3.2.16.2			
T2.3.3.1	RECEIVE NOTICE OF SPECIAL OPERATION		
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LCW CRITICALITY: MED	
T2.3.3.1.1	PERFORM TEM M.1. Receiving ATC Moil *notice of special operation*		
T2.3.3.1.2	A/O PERFORM TCS, Receiving TCS G/G Communications *notice of special operation*		
12.3.3.2	PERCEIVE PRESENCE OF SPECIAL OPERATION		
		FREQUENCY: LOW CRITICALITY: MED	
	DETECT significant _Callsign	Cailsign	1
T2.3.3.2.2	DETECT significant _Planned_Route_Of_Sin gle_Aircraft_on _Route_Display	Planned Route_Of_Single_Aiccraft Route_Display	1 1
T2.3.3.2.3	OETECT Full Data Block or Limited Data Block of aircraft present Within Special Use Airspace on Situation Display	Full_Doto_Block Limited_Dota_Block Special_Use_Airspace Situotion_Display	1 1 1
72.3.3.2.4	DETECT _Flight_Data_Entry remarks for special handling instructions	Flight_Dato_Entry	1
T2.3.3.2.5	O OETECT aircraft normally associated with special operation		
12.3.3.3	INFORM OTHERS OF SPECIAL OPERATION		·
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MLD	
T2.3.3,3,1	PERFORM TEM M.2. Sending ATC Mail *special operations*	**************************************	
T2.3.3.3.2	PERFORM TCS. Initiating G/G Communications *special operations*		
T2.3.3.4	CONDUCT SPECIAL OPERATION ACTIONS		
	TASK TYPE: TBD COORD MEDIA.	FREQUENCY: LOW CRITICALITY: MED	
T2.3.3.4.1	INTEGRATE FDE and special operation with Mental Traffic Picture	F DE	32

	Task El	ement Report		
TASK NUMBER / ELEMENT NUMBE	TASK STATEMENTS / DATA / AND ER TASK ELEMENT STATEMENTS		ORJECTS	NO. OF CBJECTS
T2.3.3.4	CONDUCT SPECIAL OPERATION ACTIONS		********************************	
	TASK TYPE: TBD COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
72.3.3.4.2	*CROSS-REFERENCE special operation directive		·····	*****
T2.3,3.4.3	DECIDE special operations actions required			
12.3.3.5	RECEIVE NOTICE OF TERMINATION OF SPECIAL OPERATION			
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LCW	CRITICALITY: MED	
T2.3.3.5.1	PERFORM TEM M.I, Receiving ATC Mail *termination of special operation*			
*2.3.3.5.2	Communications *termination of special operation*			
T2.3.3.6	ENTER TEPMINATION OF SPECIAL OPERATION			·••••
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
12.3.3.6.1	INITIATE _System_Status_Data_Change message		System_Status_Data_Change	1
12.3.3.6.2	INTRODUCE _Data_Category	Ε	Data_Category	1
~2.3.3.6.3	INTRODUCE Text *reporting termination of special operation*	n T	řext	1
T2.3.3.6.4	EXECUTE _System_Status_Data_Change message	5	System_Status_Data_Change	1
72.3.3.6.5	<pre>RECOGNIZE _System_Status_Data_Change function results</pre>	S	System_Status_Data_Charge	1
r2.3.4.1	OBSERVE CEPARTURE AIRCRAFT IN PROPER POSITION IN	DEPARTURE SEQUENCE	•	
	TASK TYPE: R/A CCORD MEDIA:	FREQUENCY: HI	CRITICALITY: MLD	
T2.3.4.1.1	*SEARCH departure portion(s) of moveme area for porticular departure aircraft			
12.3.4.1.2	RECOGNIZE particular departure gircrof	t		
12.3.4.1.3	INTECRATE position of aircraft of interest with position(s) of other oircraft in departure sequence			
T2.3.4.1.4	DECIDE aircraft properly positioned in departure sequence	1		
T2.3.4.2	DIRECT PILOT TO CONTACT/ MONITOR LOCAL CONTROLLER			
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: HI	CRITICALITY: MED	
T2.3.4.2.1	DECIDE appropriate time for transferri control responsibilities for departure aircraft			
T2.3.4.2.2	PERFORM TCS, Communicating Air-To-Ground Via TCS *contact, or monitor Local Controller*			

			Task Elen	ment Report				
FASK NUMBER	TASK STAT TASK ELEM	IEMENTS / DAT AND	TA					NO. CF
ELEMENT NUMBE	R TASK ELEM	ENT STATEME			<del>-</del>		JECTS	08JECT3
T2.3,5.1	OBSERVE ARRIVAL AIRC	CRAFT ON SIT						
	TASK TYPE: R	000	RD MEDIA:	FREQUENCY:	MED	(	CRITICALITY: MED	
12.3.5.1.1	RECOGNIZE Target F	FDB and/or	r bol of arrival n Display		F	CB	Position_Symbol	1 1
	OBSERVE AIRBORNE AIR					·		
	TASK TYPE: R	<b>C0</b> 0	RD MEDIA:	FREQUENCY:	ΗI	ĺ	CRITICALITY: MED	
T2.3.5.2.1	*SCAN tow interest	wer airspace	for aircraft of					
T2.3.5.2.2		ortion of to of interest	wer airspace for					
T2.3.5.2.3	aircrait		d movement of of tover airspace to interest					
T2.3.5.2.4			interest among of tower airspace					
T2.3.5.3	RECEIVE FDE OF ARRIV	VAL AIRCRAFT	IN ARRIVAL LIST					
	TASK TYPE: R	COO	ORD MEDIA:	FREGUENCY:	нІ		CRITICALITY: MED	
Т2.3.5.3 ;	DETECT re	eceipt of _F _List	light_Data_Entry in			light Arrival	Bate_Entry _List	î 1
72,5.5.5,2		contents of Data_Entry	new		F	Flight_	Dota_Entry	î
T2.3,5.4	RECEIVE ARRIVAL AIR	CRAFT ENTRY	IN LAST AIRCRAFT TO	LAND LIST				
	TASK TYPE: R	coc	ORD MEDIA:	FREQUENCY:	ΗI		CRITICALITY: MED	
T2.3.5.4.1	DETECT re entry in rt_List	eceipt of ne _Last_Aircr	≫ flight arrival raft_To_Land_At_Airpo	~	L	Lost_Ai	rcraft_To_Lana_At_Airport_List	1
T2.3.5.4.2			new flight arrival .rcraft type*					
T2.4.1.1	REQUEST WEATHER INF	ORMATION	~~~~~~~~~~					
	TASK (YPE: E/	vc con	PRD MEDIA: V/M	FREQUENCY:	F OF 1		CRITICALITY: MED	
T2.4.1.1.1		for weatner	ending ATC Mail information*					
12.4.1.1.2		ations *red	uting TCS G/G quest for weather					
T2.4.1.2	ISSUE WEATHER/ ADVI	SORY/ UPDATE	TU PILOT/ ANOTHER C	ONTROLLER				
	TASK TYPE: E/	vc coo	ORD MEDIA: V/M	FREQUENCY:	LOM		CRITICALITY: MED	
12.4.1.2.1	INTRODUC informat	E_A&M_Dato	Amendment		,	A&M_Dat	o_Amendment	1

		Task Element Report	; 		
TASK NUMBER /					NO. OF
ELEMENT NUMBE				OBJECTS	CBJECT
2.4.1.2	ISSUE WEATHER/ ADVISORY/ UPDATE TO PILO	)T/ ANOTHER CONTROLLER			
	TASK TYPE: E/VC COORD MEDIA	4: V/M FREQUENC	/: (LOW	CRITICALITY: MED (Continued)	
2.4.1.2.2	INITIATE A&M_Data_Amendment			Amendment	1
2.4.1.2.3	EXECUTE _A&M_Data_Amendment	message	A&M_1	Data_Amendment	1
2.4.1.2.4	PERFORM TCS, Initiating TCS Communications *weather int				
2.4.1.2.5	PERFORM TCS, Communicating Air-To-Ground Via TCS *weatinformation*	iher			
2.4.1.3	RECEIVE PIREP ON WEATHER				
	TASK TYPE: VC COORD MEDIA	A: V FREQUENC	Y: MED	CRITICALITY: HI	
2.4.1.3.1	PERFORM TCS, Communicating Air-To-Ground Via TCS *wea				
2.4.1.3.2	INTEGRATE PIREP information weather picture	into mental			
2.4.1.4	OBSERVE WEATHER AREA/ INTENSITY/ CEILIN	NG/ BASE/ HEIGHT/ MOVEM	ENT/ VISIB	ILITY/ WINDS	
	TASK TYPE: R/A COGRD MEDI	A: FREQUENC	Y: MED	CRITICALITY: HI	
2.4.1.4.1	REGUEST _Weather_Descriptor _Situation_Display	on	Weat	her_Oescriptor ation_Display	1 1
2.4.1.4.2	EXTRACT significant _Weather information impacting traff		Weat	her_Descriptor	1
2.4.1.4.3	INTEGRATE Weather_Descript information into mental wea		Weat	her_Descriptor	1
2.4.1.4.4	ASSESS severity of weather	conditions			
2.4.1.4.5	ESTIMATE dimensions of the	weather			
2.4.1.4.6	CETECT emphasized _RWQ_Hoza _Data	rdous_Weather	RMQ_	Hazardous_kieather_Data	1
2.4.1.4.7	EXTRAC1 _RWP_Hazardous_Weat 0	her_Data	RWP_	Hazardous_vieather_Data	1
12.4.1.4.8	SEARCH tower area and/ or w indicutors for weather fact observation*	ind			
72.4,1.4.9	lNIEGRAIE direct weather ob into mental traffic picture				
T2.4.1.5	RECEIVE WEATHER ADVISORY FROM ANOTHER				
	TASK TYPE: R/VC COORD MEDI	A: V/M FREQUENC	Y: LOW	CRITICALITY: HI	
T2.4.1.5.1	PERFORM TEM M.1, Receiving *weather information*	AIC Mail			
12.4.1.5.2	O PERFORM TCS, Receiving TCS Communications *weather in				
12.4.1.5.3	ASSESS weather information				

	Task Elem	ent kepors	· • • • • • • • • • • • • • • • • • • •
TASK NUMBER /	TASK STATEMENTS / DATA AND		NO. OF
ELEMENT NUMBE		OBJECTS	OBJECTS
T2.4.1.5	RECEIVE WEATHER ADVISORY FROM ANOTHER CONTROLLER/ SU	PERVISOR	
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: 41 (Continued)	
T2.4.1.5.4	INTEGRATE weather information with present mental weather picture		
T2.4.1.5.5	*INITIATE _Cuntroller_Note message *weather information*	Controller_Note	1
T2.4.1.5.6	*EXECUTE _Controller_Note message	Controller_Note	1
T2.4.1.5.7	*DETECT appearance of _Controller_Note message results on _Controller_Notepad_D isplay	Controller_Note Controller_Notepad_Display	1
T2.4.1.6	OBSERVE SIGNIFICANT AERCHAUTICAL AND METEGROLOGICAL	DATA	
	TASK TYPE: R/A CCORD MEDIA:	FREQUENCY: LCW CRITICALITY: HI	
T2.4.1.6.1	EXTRACT significant _A&M_Data reported by alert	A&M_Data	1
T2.4.1.6.2	ASSESS weather alert information		
72.4.1.6.3	INTEGRATE alert weather information with Mental Weather Picture		
T2.4.1.7	ENTER PIREP INTO SYSTEM		- <b></b>
	TASK TYPE: E. COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
T2.4.1.7.1	EVALUATE need to enter _PIREP into system	PIREP	1
T2.4.1.7.2	INITIATE PIREP message enter information in., the system	PIREP	1
T2.4.1.7.3	EXECUTE _PIREP message	PIREP	1
T2.4.1.8	DETERMINE WHETHER ANOTHER CONTROLLER OR PILOT NEEDS	WEATHER ADVISORY	
	TASK TYPE: A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
T2.4.1.8.1	DECIDE need for weather advisory to other controller		
T2.4.1.8.2	DECIDE need for weather advisory to pilot		
T2.4.1.9	FORWARD WEATHER INFORMATION TO SUPERVISOR		
ı	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
T2.4.1.9.1	PERFORM TEM M.2, Sending ATC Mail **weather information* 0		
T2.4.1.9.2	PERFORM TCS, Initiating TCS G/G Communications *weather information*		
T2,4,2,1	FORWARD RUNWAY CONDITION DATA		
ı I	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI	
T2.4.2.1.1	PERFORM TEM M.2, Sending ATC Mail *runway condition data* O		••••

		Task Element Report	<b>-</b>		
TASK NIMBER	TASK STATEMENTS / DATA				Nu. OF
ELEMENT NUMB	/ AND ER TASK ELEMENT STATEMENTS			OBJECTS	OBJECTS
T2,4,2.1	FCRWARD RUNWAY CONDITION DATA				
	TASK TYPE: E/VC COORD MEDIA:	V/M FREQUENC	7: LOW	CRITICALITY: HI (Continued)	
T2.4.2.1.2	PERFORM TCS, Initiating TCS G Communications *runway condit	/G			· • • - • -
T2.4.2.2	RECEIVE REQUEST TO OBTAIN PIREP				•
	TASK TYPE: R/VC CCORD MEDIA:	V/M FREQUENC	Y: LOW	CRITICALITY: LCW	
T2,4.2.2.1	PERFORM TEM M.1. Receiving AT *PIREP request*	C Mail			•••••
12.4.2.2.2	PERFORM TCS, Receiving TCS G/ Communications *PIREP request	G *			
T2.4.2.3	RECEIVE WEATHER REPORT/ UPDATE				
	TASK TYPE: R/VC COORD MEDIA:	V/M FREQUENC	Y: LOW	CRITICALITY: MED	
T2,4.2.3.1	DETECT undated _Aeronautical / logical Data on _System_Enviro d_Status_Data_Display	nd_Meteoro nnmental_An	Aer Sys		1 lay 1
T2.4.2.3.2	EXTRACT updated _Aeronoutical_ological_Outa	And_Meteor	Aer	ronautical_And_Meteorological_Data	1
72.4.2.3.3	A/O PERFORM TCS. Receiving TCS G, Communications **weether infor	G rmation*			
T2.4.2.3.4	INITIATE _Select_Meteorologica For_Display	ol_Message_	Sel	lect_Meteorological_Message_For_Display	1
12.4.2.3.5	EXECUTE _Select_Meteorologica or_Display	L_Message_F	Se:	lect_Meteorological_Message_rur_Display	1
T2.4.2.3.6	EXTRACT meteorological inform	ition			
T2.4.2.3.7	INTEGRATE new weather information	tion with			
12.4.2.4	RECORD WEATHER OBSERVATION				
	TASK TYPE: E COORD MEDIA:	FREQUENC	Y: LOW	CRITICALITY: MED	
12.4.2.4.1	INITIATE _A&M_Data_Amendment   *weather observation*	message	A&!	M_Data_Amendment	1
12,4.2.4.2	EXECUTE _A&M_Data_Amendment m	essage	A&4	M_Data_Amendment	1
12.4.2.4.3	RECOGNIZE _A&M_Data_Amendment	results	A&I	M_Data_Amendment	1
T2.4.2.5	RECEIVE RUNNAY CONDITION DATA				
	TASK TYPE: R/VC COORD MEDIA:	V/M FREQUENC	Y: LOW	CRITICALITY: HI	
T2,4.2.5,1	PERFORM TEM M.1, Receiving A *runway condition data* O	TC Mali			
T2.4.2.5.2	PERFORM TCS, Receiving TCS G Communications *runway condi O				
12,4.2.5.3	PERFORM TCS. Communicating Air-To-Ground Via TCS *runwa data*	y condition			

		Tosk Eleme	ent Report			
TASK NUMBER /	TASK STATEMENTS / DA					NO. OF
ELEMENT NUMBE	ER TASK ELEMENT STATEME	NTS			OBJECTS	OBJECT
2.4.2.5	RECEIVE RUNHAY CONDITION DATA	<del></del>				
	TASK TYPE: R/VC CGO	RD MEDIA: V/M	FREQUENCY: L	DW	CRITICALITY: HI (Continued)	
[2.4,2.5.4	INTEGRATE runway con mental weather pictu	dition data into		~~~~		
2.4.2.6	REQUEST PIREP			~- <b></b> -		
	TASK TYPE: E/VC COO	RD MEDIA: V/M	FREQUENCY: L	OM	CRITICALITY: MED	
[2.4.2.6.1	PERFORM TCS, Commun Air-To-Ground Via TC PIREP*	S *request for		<b></b>		<b></b>
72.4.2.7	DISCUSS ACTIONS TO RESPOND TO R			<b></b>		
	TASK TYPE: VC COO	RD MEDIA: V	FREQUENCY: M	ED.	CRITICALITY: MED	
T2.4.2.7.1	PERFORM TCS, Initia Communications *res taxiway change* A	ting TCS J/G				
T2.4.2.7.2	PERFORM TCS, Receiv Communications *res taxiway change*					
72.5.1.1	BRIEF RELIEVING CONTROLLER	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	TASK TYPE: E/R/VC COC	ORD MEDIA: V	FREQUENCY: L	ON	CRITICALITY: HI	
T2.5.1.1.1	IN[TIATE _Display_St *position_checklist*			Disp	Play_Stotic_Information	1
T2.5,1.1.2	CROSS-REFERENCE _Pos	ition_Checklist		Posi	tion_Checklist	1
T2.5.1.1.3	INFORM relieving cor traffic and weather status, priority tex controller annotation status*	picture, systems at messages,				
12.5.1.2	SIGN OFF AT CONSOLE					
	TASK TYPE: E COO	ORD MEDIA:	FREQUENCY: L	.OW	CRITICALITY: LOW	
ĭ2.5.1.2.1	EXECUTE _Sign_Off me	essoge		Sign	i_Of;	1
T2.5,1,2.2	RECOGNIZE _Sign_Off			Sign	_0ff	1
12.5.1.3	VERIFY COMPLETENESS OF RELIEF E					<b></b>
	TASK TYPE: R/A COO	ORD MEDIA:	FREQUENCY: (	.0W	CRITICALITY: MED	
T2.5.1.3.1	ASSESS briefing prov controller for its ( significant matters	rided to relieving coverage of all				
T2.5.2.1	SET UP TPC ADAPTATION PARAMETER			· • • • • • • • • • • • • • • • • • • •		
	TASK TYPE: E CO	ORD MEDIA:	FREQUENCY: L	-0M	CRITICALITY: LOW	
T2.5.2.1.1		splay_Preference_Set			ify_Display_Preference_Set	1

	Task Eler	iene report	·
TASK NUMBER /	TASK STATEMENTS / DATA AND		NO. CF
ELEMENT NUMBER	TASK ELEMENT STATEMENTS		OBJECTS
2.5,2.1 S	ET UP TPC ADAPTATION PARAMETERS		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW (Continued)	
2.5,2,1.2	EXECUTE _Modify_Display_Preference_Set message		1
2.5,2.2 R	ECEIVE CONTROLLER RELIEF BRIEFING		
	TASK TYPE: R/A/VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: HI	
2.5,2.2.1	CPOSS-REFERENCE _Position_Checklist	Position_Checklist	1
2.5,2.2.2	SEARCH_Data_Display *displays os needeu*	Data_Display	10
72.5,2.2.3	RECEIVE controller briefing on traffic, weather, systems status *local controller directly*		
72.5,2.2.4	PERFORM TCS, Receiving TCS G/G Communications *ACF controller briefing*		
72.5.2.2.5	INTEGRATE traffic, weather, and systems status into mentall traffic and systems picture		
2.5,2.3	HECK DISPLAY FOR PROPER CONFIGURATION, USABILITY.	AND SATISFACTORY STATUS	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: MED CRITICALITY: MED	
2.5.2.3.1	SEARCH _Data_Display functionality	Data_Display	1 Ū
2.5.2.3.2	ASSESS display/ control adequacy		
72.5,2.4	IGN ON AT DESIGNATED CONSOLE	··	
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LCW CRITICALITY: LCW	
72.5.2.4.1	INITIATE _Sign-On message	Sign-On	1
T2.5.2.4.2	EXECUTE _Sign∵On message	Sign-On	1
T2.5,2.5 F	REQUEST IMPLEMENTATION OF TPC ADAPTATION PARAMETERS		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
T2.5.2.5.1		Display/Invoke_Display_Preference_Set	1
T2.5.2.5.2	EXECUTE _Display/Invoke_Display_Preferer ce_Set message	Display/Invoke_Display_Preference_Set	1
T2.5.2.5.3	RECOGNIZE dispaly of personal preference selections s		
T2.5.2.6	ADJUST PARAMETERS AND DISPLAY TO PERSONAL PREFERENCE	Ε	
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
T2.5,2.6.1	ASSESS need for parameter adjustment on _Data_Display		1
T2.5,2.6.2	INITIATE _Adjust_Symbol_Brightness. _Adjust_Physical_Display_Size/Shape/Locd tion, and _Adjust_Brightness_Of_Data_Cla ss messages for personnel preferences A/O	Adjust_Symbol_Brightness Adjust_Physical_Display_Size/Shupe/Location Adjust_Brightness_Of_Data_Class	1 1 1

			Tosk Eleme	,				·
TASK NUMBER /		ASK STATEMENTS						NO. CF
TASK NUMBER / ELEMENT NUMBER							BJECTS	OBJECTS
		<b></b>	SPLAY TO PERSONAL PREFERENCE					
	TASK TYP	PE: E	COORD MEDIA:	FREQUENCY:			CRITICALITY: LOW (Continued)	
r2.5.2.6.3	EX _A 10 S						Symbo_Brightness Phsical_Display_Size/Shape/Location Brightness_Of_Data_Class	1 1 1
T2.5.2.8.4		ECOGNIZE adjus Data_Display	ustment results on			Data_Di		1
T2.5.2.7	REVIEW SYSTEM	M STATUS TO 0	DETERMINE CURRENCY/ UPDATE S		<b>-</b> -		***************************************	
	TASK TYP	PE: R/A	CCORD MEDIA:	FREQUENCY:	LOW	1	CRITICALITY: MED	
T2.5.2.7.1	111	CQUIRE _Syster nformation per ontrol of pos	m_Status_Data_Display for ertinent to assuming			System_	_Status_Data_Display	1
T2.5.2.7.2	re		cracted information with uming position /					
T2.5.2.8	REVIEW CURREN	NT AND PROJEC	CTED TRAFFIC STATUS/ WEATHER	₹				
	TASK TYF	PE: R/A	COORD MEDIA:	FREQUENCY:	MED	)	CRITICALITY: HI	
T2.5.2.8.1	AC Cu	.CQUIRE _Data_	Display to determine rojected traffic/ weather				Pisplay	1
12.5.2.9.2	me	ental traffic	tracted information into a c picture of current and ffic and weather status					
T2.5.3.1	DETERMINE IM	PENDING CONTF	ROLLER OVERLOAD					
	TASK TYI	PE: A	COORD MEDIA;	FREQUENCY:	LO.	1	CRITICALITY: HI	
12.5.3.1.1	<del></del>	COMPARE curren	nt mental traffic picture d future traffic picture			,		
12.5.3.1.2	DF	ECIDE subject	tive workload estimate					
T2.5.3.2	INFORM SUPER	VISOR OF POT!	ENTIAL OVERLOAD CONDITION					
			COORD MEDIA: V/M	FREQUENCY:	. LO	٨	CRITICALITY: HI	
T2.5.3.2.1			.1, Sending ATC Moil erload condition*					
T2.5. <b>3</b> .2.2	Co		Initiating TCS G/G s *potential overload					
12.5.3.3	RECEIVE SUPE	RVISOR NOTIC	E TO COMBINE/DECOMBINE POSIT					
	TASK TY	YPE: R/VC	COORD MEDIA: V/M	FREQUENCY	: LOI	М	CRITICALITY: MED	
T2.5.3.3.1			.1, Receiving ATC Moil mbine/decombine positions*				,	
T2.5.3.3.2	C		Receiving TCS G/G s *notice to combine/					

		Tosk Elema	nent Report		
TASK NUMBER /	TASK STATEMEN				NO. CF
ELEMENT NUMBE				OBJECTS	OBJECTS
2.5.3.4	REQUEST ASSISTANCE UR RE	ELIEF			
	TASK TYPE: E/VC	LOORO MEDIA: V/M	FREQUENCY: LOW		
72.5.3.4.1	*request for	M.2, Sending ATC Mail assistance or relief*			
T2.5.3.4.2	PERFORM TCS.	Initiating TCS 3/6 ns *request for assistance			
r2.5.4,1	CONDUCT POSITION COMBINA	ATION/ DECOMBINATION PROCEDUR	(ES		
	TASK TYPE: E/R	COORD MEDIA:	FREQUINCY: LOW	CRITICALITY: MED	
12.5.4.1.1	T80 T80¥				
72.5.4.2	CBSERVE TPC CONFIGURATIO	ON IN RESPONSE TO CONFIGURATI			
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T2.5.4.2.1		iguration plan in effect _Informaton_Display		tic_Information_Display	1
T2.5.5.1	RECEIVE REQUEST TO MANI	PULATE TAXIWAY LIGHTING SYSTE	EM		
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T2.5.5.1.1	PERFORM TEM ( *request to system*	M.1, Receiving ATC Mail alter taxiway lighting	,		
72.5.5.1.2	PERFORM TCS. Communicatio taxiway ligh	O Receiving TCS G/G mns *request to alter mting system* O			
τ2.5.5.1.3	PERFORM TCS. Air-To-Groun	U Communicating and Via TCS *request to alter ating system*			
T2.5.5.2	PERCEIVE NEED TO MANIPL	JLATE TAXIWAY LIGHTING SYSTEM			••••
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
72.5.5.2.1		esent visibility conditions		***************************************	**********
12.5.5.2.2		O nting request to traffic			
T2.5.5.2.3	DECIDE appro _Intensity_L			ensity_Level	1
72.5.5.3	SWITCH TAXIWAY LIGHTING				
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T2.5.5.3.1	MANIPULATE t	taxiway lighting system anual switches not associated		~	
T2.5.5,4	ENTER TAXIWAY LIGHTING			·	
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T2.5.5.4.1	EXECUTE Adj y function	just_Lighting_System_Intensit *taxiwav*	Adji	just_Lighting_System_Intensit/	1

			Element Report		
TARK HIMRED /	TASK STAT	EMENTS / DATA			NO. CF
ELEMENT NUMBE	TASK STAT			OBJECIS	OBJECT:
2.5.5.4	ENTER TAXIMAY LIGHT!	NG SYSTEM ADJUSTMENT	~		
<b></b>	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
2.5.5.4 .		ZE transformed lighting syst / *tax1way* A/O			
12.5.5.4.3	_Contral		stem Swit	ch_Airport_Lighting_System_Control	1
12.6.1.1	DETECT NON-ACCEPTANC	CE OF INPUT DATA			<b>,</b>
	TASK TYPE: R/	A CCORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
72.5.1.1.1		ato entry response feedback jected*			
2.5.1.2	ENTER INPUT DATA MAI			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T2.6.1.2.1	INTRODUC TPC*	E input data manually *to a	)wn	·····	
72.6.1.2.2	INDICATE *to own	A/O data item to be input manua TPC*	ally		
72.6.1.3	RECEIVE INPUT DATA	MANUALLY FORWARDED FROM OTHE		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	TASK TYPE: R	COCRD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
72.6.1.3.1	EXTRACT	date input manually and d from another TPC			
Y2,6,1,4	FORWARD INPUT DATA	MANUALLY TO OTHER TPC	••••••		•
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CR!TICALITY: MED	
12.6.1.4.1	INDICATE	Position Identification PC address#		ition_Identification	1
12.6.1.4.2	INDICATE	TPC data to be forwarded			
T2.6.1.4.3	ACTIVATE *to for	manual data forwarding sequiward data to other TPC*	neuce		
T2,6,2.1	RECEIVE NOTICE OF T	PC FAILURE			
	TASK TYPE: R/	VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
72.6.2.1.1		TCS, Receizing TCS G/G ation *notice of TPC failur	re*		· · · · · · · · · · · · · · · · · · ·
r2.5.2.1.2		TEM M.1, Receiving ATC Mail of TPC failure*	1		
72.6.2.2	DETECT OCCURRENCE C	F TPC FAILURE		• • • • • • • • • • • • • • • • • • • •	
	TASK TYPE: R/	'A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
T2.6.2.2.1.1	EXTRACT Status [		Com	puter_Outages	1
	מכזרכז	0 _Equipment_Outage_Alert	Fig.	ipment Outoge Alert	1

			lask blem	ent Report				- <b>-</b>
TASK NUMBER /	TASK ST	ATEMENTS AND	/ DATA					NG. OF
ELEMENT NUMBER	R YASK ELI	EMENT ST	ATEMENTS		08J8	CTS		OBJECT
2.6.2.2	DETECT OCCURRENCE	OF TPC F	AILURE					
	TASK TYPE: R	/A	COORD MEDIA:	FREQUENCY: LOW	Ct	RITICALITY: HI	(Continued)	
12.6.2,2.1.3	EXTRACT	Equipm	ent_Outage_Alert			t_Outage_Alert		1
12.6.2.2.1.4	DETECT   Console		ion of Tower Position					
	Consote						·	
2.6.2.3	FORMARO NOTICE CF	EQUIPMEN	T STATUS		· · · ·			
	TASK TYPE: E	/vc	CCORD MEDIA: V/M	FREQUENCY: LOW	CI	RITICALITY: HI		
T2.6.2.3.1	PERFORM	TCS, In cations	itiating TCS G/G *notice of equipment					
T2.6. <b>2.3</b> .2			. Sending ATC Mail pment status*•					
T2.6.3.1	RECEIVE NOTICE OF	TCCC FAI	LURE					·
	TASK TYPE: V	/C	COORD MEDIA: V	FREQUENCY: LOW	С	RITICALITY: HE		
T2.6.3.1.1	PERFORM Communi	1 TCS, R ications	eceiving TCS G/G *notice of TCCC failure*					
12.6.3.2	DETECT OCCURRENCE	OF TCCC	FAILURE					
	TASK TYPE: F	R/A	CCORD MEDIA:	FREQUENCY: LOW	ı C	RITICALITY: HI		
T2.6.3.2.1	EXTRAC) _System	i _Comput n_Status_	er_Outages in Data		Computer Sysiem_S	_Outages itatus_Data		1
т2.6.3.2.2	DETECT	_Equipme	nt_Outage_Alert		Equipmen	it_Outoge_Alert		1
T2.6.3.2.3	EXTRACT	「_Equipm	ent_Outage_Alert		Equipmen	it_Outage_Alert		7
T2.6.3.3	REVERT TO TOCO BAG	CKUP PROC	EDURES (TBD)					
	TASK TYPE: 1	TBC	COORD MEDIA:	FREQUENCY: LOW	ı c	CRITICALITY: HI		
T2.6.3.3.1	TBD TBI	D*					*************	
T2.6.3.4	VERIFY COMPUTER AC	CTION DUF	ING TRANSITION STAGES					
-	TASK TYPE: 8			FREQUENCY: LOW	1 C	CRITICALITY: HI		
T2.6.3.4.1	Commun inform	icotions ation tro fs, poin	nitiaring 1CS G/G *verification of unsfer, amendments, Louts, track, and/or data		**************************************			
T?.6.3.5	RECEIVE CONFIRMAT	ION OF C	OMPUTER ACTION DURING TRAN					···
	TASK TYPE:	R/VC	COORD MEDIA: V/M	FREQUENCY: LUI	٠ (	CRITICALITY: HI		
12.6.3.3.1	*verif	ication	1, Receiving ATC Mail of computer transmission transition stage(s)*					
T2.6.3.5.2	Commun comput	M TCS. ications	Receiving TC3 C/G  *verification of mission of data during ge(s)*				•	

				Task Eler	ment Report			
TASK NUMBER /	/		ATEMENTS . AND EMENT STA			OBJECTS		NO. CF OBJECTS
 !2.6.2.2	DETECT OCCU	IRRENCE /	OF TPC FA	.ILURE		•••••••	,	
	-	_		COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	(Continued)	
T2.6.2.2.1.3			_Equipme	ent_Outage_Alent		uipment_Outage_Alert		1
T2.6.2.2.1.4			0 malfuncti	on of Tower Position				
T2.6.2.3	FORWARD NOT	ICE OF	EQUIPMENT	STATUS		·		
	TASK T	Γ′PE: E	:/vc	COOPD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI		
T2.6.2.3.1			.cations *	itiating TCS G/G *notice of equipment				
72.6.2.3.2				. Sending ATC Mail ement status*				
T2.6.3.1	RECEIVE NOT	FICE OF	TCCC FAIL	_URE				
	TASK 1	TYPE: V	′C	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI		
T2.6.3.1.:				eceiving TCS G/G *notice of TCCC failure*	,			***********
72.6.3.2	DETECT OCCU	URRENCE	OF TCCC F	FAILURE				
	TASK	TYPE: R	?/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI		
T2.6.3.2.1		EXTRACT _System	[_Compute n_Status_[	er_Outages in Dota		mputer_Outages rscem_Status_Data		1
T2.6.3.2.2		DETECT	_Equipmer	nt_Outoge_Alert	Εq	uipment_Outage_Alent		1
T2.6.3,2.3		EXTRACT	_Equipme	ent_Outage_Alert	Eq	uipment_Outage_Alent		1
T2.6.3.3	REVERT TO	TCCC BAC	CKUP PROC	EDURES (TBD)		J*************************************		
	TASK	TYPE: T	твр	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY; HI		
12.6.3.3.1		тво тво	)*					
12.6.3.4	VERIFY COM	PUTER AC	CTION DUR	ING TRANSITION STAGES				
		TYPE: E		COORD MEDIA: V/M	FREQUENCY: LCW	CRITICALITY: HI		
T2.6.3.4.1		Communi irforma	ications ation tra fs, point	itioting TCS G/G *verification of msfer, amendments, outs, track, and/or data		<u></u>		
T2.6.3.5	RECEIVE CC	NF IRMAT!	ION OF CO	MPUTER ACTION DURING TPAR				
	TASK	TYPE: A	R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI		
T2.6.3.5.1		*verifi	icution o a during	. Receiving ATC Mail f computer transmission transition stage(s)*				
12.6.3.5.2		Compute compute	ications	Receiving TCS G/G *verification of pission of data during ge(s)*				

	Tosk Elem	ent Report	
TASK NUMBER / ELEMENT NUMBER		OBJECTS	NO. CF OBJECT:
2.6.4.1 D	ETECT COMMUNICATION FAILURE		
	TASK TYPE: VC/A COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: HI	
2.6.4.1.1	PERFORM TCS. Receiving TCS Status *communication failure*		
2.6.4.1.2	EXTRACT _Voice_Communication_Line_Outage s in _System_Status_Data	Voice_Communication_Line_Outages System_Status_Data	1 1
2.6.4.1.3	DETECT _Equipment_Outoge_Alert *communication failure*	Equipment_Outoge_Alert	1
2.6.4.1.4	EXTRACT _Equipment_Outage_Alert information	Equipment_Outage_Alert	1
72.6.4.1.5.1	RECOCNIZE abnormality ofCommunication_Channel_Assignments inS,stem_Status_Data	Communication_Channel_Assignments System_Status_Data	1
°2.6,4.1,6	RECCGNIZE abnormality of _Radio_Frequency in _System Status_Data	Radio_Frequency System Data	1 1 1
72.6.4.1.7	O RECOUNIZE abnormality occurrence during voice transmission and/or reception		
T2.5.4.2 R	REVERT TO LIGHTOUN COMMUNICATION PROCEDURES		
	TASK TYPE: N/A COURD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
¥2.6.4.2.1	CROSS-REFERENCE Order 7110.65 on Visual Signals		
72.6.4.3	SALITCH TO BACKUP RADIO/ FREQUENCY	·	
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
72.6.4.3.1	PERFORM TCS, Adjusting TCS A/G Configuration *radio and/or frequency switch*		
T2.5.4.4	ADJUST COMMUNICATION PATH TO ACCOMMODATE FAILURE/ 0	/ERLCAD	
	TASK TYPE: E COORD MEDIA:	FREQUENCY: 104 CRITICALITY: MED	
T2.6.4.4.1	TBU *employ available non-TCS communications, e.g., local dial telephona*		
12.6.4.4.2	O PERFORM TCS, Communicating Air-To-Ground Via TCS *employ alternate position A/G communications resources*		
T2.6.4.4.3	O PERFORM TCS, Adjusting TCS A/G Configurations		
T2.8,4.5	RECEIVE NEW FREQUENCY ASSIGNMENT		
	TASK TYPE: R/VC COORD MEDIA: V/M	FPCQUENCY: LOW CRITICALITY: MED	
T2.6.4.5.1	PERFORM TEM M.1, Receiving ATC Mail *new frequency assignment*		

	Tosk Eleme	ent Report		
TASK NUMBER	TASK STATEMENTS / DATA / AND			NO. CF
ELEMENT NUMB	ER TASK ELEMENT STATEMENTS		OBJECTS	OBJECTS
12.6.4.5	RECEIVE NEW FREQUENCY ASSIGNMENT			
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY; LOW	CRITICALITY: MED (Continued)	
T2.6.4.5.2	PERFORM TCS, Receiving TCS G/G Communications *new frequency assignment*			
12.6.4.5.3	PERFORM TCS, Receiving TCS Status *new frequency operational status*			
T2.6.4.6	RECEIVE NOTICE OF ALTERNATE COMMUNICATION PATH			
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T2.6.4.6.1	PERFORM TEM M.1, Receiving ATC Mail *notice of alternate communication path* O			
12.6.4.6.2	PERFORM TCS, Receiving TCS G/G Communications *notice of alternate communication path*			
T2.6.4.6.3	PERFORM TCS, Receiving TCS Status *new line circuit operational status*			
T2.6.4.7	FCRUARD NOTICE OF COMMUNICATION STATUS			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
T2.6.4.7.1	PERFORM TEM M.2, Sending A1C Mail ◆communication status* O			
T2.6.4.7.2	PERFORM TCS, Initiating TCS 6/6 Communications *commication status* O			
T2.6.4.7.3	PERFORM TCS, Communicating Air-To-Ground Via TCS *communication status*			
72.6.4.8	FORWARD NEW FREQUENCY ASSIGNMENT			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
T2.6.4.8.1	PERFORM TEM M.2, Sending ATC Mail *new frequency assignment* O			
T2.6.4.8.2	PERFORM TCS. Initiating TCS G/G Communications *new frequency assignment*			
T2.6.4.8.3	INDICATE new assignment of radio frequency			
T2,6.4.8.4	EXECUIE _System_Status_Data_Change function		ystem_Status_Dotc_Chonge	1
12.6,4.9	FORWARD ALTERNATE COMMUNICATION PATH			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
T2.6.4.9.1	PERFORM TEM M.2. Sending ATC Mail *alternate communication path* D			• • • • • • • • • • • • • • • • • • • •
72.6.4.9.2	PERFORM TCS, Initiating TCS G/G Communications *alternate communication path*			

		Task Ele	ment Report		
TASK NUMBER /	TASK STATEMENTS / DATA AND				NO. OF
ELEMENT NUMBER		i		OBJECTS	OBJECT
2.6.5.1	RECEIVE NOTICE OF TRANSIENT COMMUN	ICATION FAILURE			
	TASK TYPE: R/VC COORD	MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T2.6.5.1.1	PERFORM TEM M.1, Recei *notice of transient co failure*			<b>, ( , , , , , , , , , , , , , , , , , ,</b>	
72.6.5.1.2	PERFORM TCS. Receiving Communications *notice communication failure*				
2.6.5.1.3	0 PERFORM TCS, Communico Air-To-Ground Via TCS transient communication	*notice of			
T2.6.5.2	DETECT TRANSIENT COMMUNICATION FA	 ILURE			
	TASK TYPE: A/VC COORD		FREQUENCY: LOW	CRITICALITY: MED	
T2.6.5.2.1	PERFORM TCS, Initiating Communications *experi transmission problem*		····		
12.6.5.2.2	O PERFORM TCS, Receiving Communications *exper: problem*				
72.6.5.2.3	0 PERFORM TCS, Communica Air-To-Ground Via TCS transmission or recept	*experience a			
12.6.5.2.4	0 PERFORM TCS, Receiving *Observing communication temporary abnormality*	uns status			
T2.6.5.2.5	ASSESS impact of unrel communication channel				
T2.6.5,3	REQUEST COMMUNICATIONS CHECK FROM	OTHER POSITION/	AIRCRAFT/ AGENCY		
	TASK TYPE: E/VC COORD	MEDIA: V/M	FREQUENCY: LOW	CRITICALITY MED	
T2.6,5,3,1	PERFORM TCS, Initiati Communications *commu query*				
72.6.5.3.2	A/O PERFORM TCS, Communic Air-To-Ground Via TCS check query*				
T2 6.5.4	RECEIVE COMMUNICATIONS CHECK FROM		**		
				CRITICALITY: MED	
T2.6.5.4.1	PERFORM TCS, Receivin Communications *commu response*	ig TCS G/G	••••••••••••••••••••••••••••••••••••••		••••
T2.6.5.4.2	O PERFORM TCS, Communic Air-To-Ground Via TCS check response*				
	OBSERVE FAILURE OF AIRPORT EQUIPM				••
	TASK TYPE: R/A COORD		FREQUENCY: LOW	CRITICALITY: MED	
T2.6.6,1.1	DETECT airport equipme *directly observe dumo operation*	ent foilure			

				ent Report			
TASK NUMBER /	TASK STA TASK ELE	TEMENTS .	/ DATA				NO, OF
ELEMENT NUMBER	R TASK ELE	MENT STA				OBJECTS	OBJECT
2.6.6.1	OBSERVE FAILURE OF	AIRPORT	EQUIPMENT				
	TASK TYPE: R/	/A	COURD MEDIA:	FREQUENCY:	LOW	CRITICALITY: MED (Continued)	
12.6.6.1.2	EVALUATE failure	impact on traff	of airport equipment ic operations				••••••
12.6.6.2	INHIBIT PROCESSING						
	TASK TYPE: E		COORD MEDIA:	FREQUENCY:	LCW	CRITICALITY: MED	
T2.6.6.2.1	INDICATE	_Airpor	t_Environmental_Sensor_I		Α:	irport_Environmental_Sensor_ID	1
T2.6.6.2.2	EXECUTE *inhibit		Override function		Si	ensor_Override	1
12.6.6.3	RESTORE PROCESSING	OF DATA	FROM AIRFORT SENSOR				
	TASK TYPE: E		COORD MEDIA:	FREQUENCY:	LOW	CRITICALITY: MED	
12.6.6.3.1	INDICATE	Airpor	t_Environmental_Sensor_I		Α.	irport_Environmental_Sensor_ID	1
T2.6.6.3.2	EXECUTE *parmit	_Sensor_ data*	Override function		S	ensor_Override	1
T2.6.7.1	DETECT TOCC STAND-6	ALONE MOD		- <b></b>	- <b>-</b>		
	TASK TYPE: R		COORD MEDIA:	FREQUENCY:	LOM	CRITICALITY: MED	
T2.6.7.1.1	~~		nd-Alone_Mode_Indicator			CCC_Stand-Alone_Mode_Indicator	1
r2.6.7.2	RECEIVE NOTICE OF	TCCC STAN	IO-ALONE MODE				
	TASK TYPE: R	/vc	COORD MEDIA: V/M	FREQUENCY:	LCM	CRITICALITY: MED	
T2.6.7.2.1	PERFORM	TEM M.1, tand-alor	Receiving ATC Mail ne mode of operation*			· · · · · · · · · · · · · · · · · · ·	
т2.6.7.2.2		cations	eceiving TCS G/G *TCCC stand-alone made				
12.6.7.3	INFORM SUPERVISOR	OF TCCC S	STAND-ALONE MODE			·	
	TASK TYPE: E	/vc	COORD MEDIA: V/M	FREQUENCY	LOW	CRITICALITY: MED	
12.6.7.3.1			, Sending ATC Mail stand-alone mode*				
72.6.7.3.2	Communi		nitiating TCS 6/G *notice of TCCC em				
T2.6.7.4	RECEIVE NOTICE OF	ACF BACK	UP MODE				
	TASK TYPE: R	Z/VC	COORD MEDIA: V/M	FREQUENCY	L CM	CRITICALITY: MED	
Т2.6.7.4.1		ickup mod	. Receiving ATC Moil e of operation*	·			
T2.6.7.4.2		cations	eceiving TCS G/G *ACF backup mode of				
T2.6.7.5	REVERT TO ACCC DEG	GRAUED PR	OCEDURES (TBO)				<del></del>
l	TASK TYPE: T	78 <b>0</b>	COORD MEDIA:	FREQUENCY	: LOW	CRITICALITY: MED	
T2.6.7.5.J	TBO 180						

<u> </u>				Tas	sk Element Report		
TASK NUMBER ELEMENT NUM			AND	NTS / DATA STATEMENTS		OBJECTS	NO. OF OBJECTS
T2.6.7.6	REVERT TO	ACÇÇ I	ACKUP P	ROCEDURES (TBD)			
	TASK	TYPE:	TEO	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T2.6.7.6.1		TBD					
T2.6.7.7	REVERT TO	TCCC	STAND-AL	ONE MODE PROCEDURES (TE	30)		
	TASK	TYPE:	TBD	COURD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T2.6.7.7.1		<b>T</b> 80					

		Task Elemi	ent Report			
TASK NUMBER /	TASK STATEMENTS AND					NO. OF
ELEMENT NUMBE		ATEMENTS		(	OBJECTS	OBJECT:
3.1.1.1	DETECT AERONAUTICAL AND MET	TEOROLOGICAL ALERT				
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: L	OM:	CRITICALITY: HI	
3,1,1,1,1	SEARCH_Alert_Ar signs of A&M in:	nd Resolution Display for formation		Alert	_And_Resolution_Disploy	1
73.1.1.1.2	DETECT _Aeronau Alert on _Alert	tical_And_Meteorological_ _And_Resoultion_Display		Aerono Alert	autical_And_Metec∷ological_Alert _And_Resoultion_Display	1
 T3.1.1.2	DETECT AIRPORT ENVIRONMENT.					•••
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: L	.OW	CRITICALITY: HI	
73.1,1.2.1	_System_Enviorn Splay *include	Environmental Lato on mental And Status Data Di s data/ alerts such as , surface winds, etc.*		Airpo Syste	rt Environmentai Data m_Enviornmental_And_Status_Data_Displa	1 y 1
T <b>3</b> .1.1.3	DETECT EQUIPMENT STATUS AL	ERT				
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: L	_OW	CRITICALITY: HI	
T3.1.1.3.1	SEARCH_Alert_A signs of equipm	nd_Resolution_Display for ent outage/ restoration		Alert	_And_Resolution_Display	1
T3.1,1,3.2	DETECT _Equipme -Alert_And_Reso	nt_Outage_Alert on lution_Display			mment_Outage_Alert ;_And_Resolution_Display	1
τ3.1.1.3.3	O DETECT_Equipme _Alert_And_Reso	nt_Restoration_Alert on Pution_Display			oment_Restoration_Alert ;_And_Resolution_Display	1
T3.1.1,4	ACKNOWLEDGE ENVIRONMENTAL/	SYSTEI1 STATUS ALERT				
	TASK TYPE: E	COCRD MEDIA:	FREQUENCY: 1	LOW	CRITICALITY: MED	. <b></b>
T3.1.1.4.1	INITIATE _Ackno	wledge_A&M_Alert message		Ackno	wledge_A&M_Alert	1
T3.1.1.4.2	EXECUTE _Acknow	wledge_A&M_Alent message		Ackno	owledge_A&M_Alert	1
	A/(	)				

	Task Elem	ent Report	
TASK NUMBER / ELEMENT NUMBE			NO. OF OBJECTS
 T3,1,1,4	ACKNOWLEDGE ENVIRONMENTAL/ SYSTEM STATUS ALERT		
	TASK TYPE: E. COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED (Continued)	
T3.1.1.4.3	INITIATE _Acknowledge_Equipment_Outage/R estoration_Alert *suppress* message	Acknowledge_Equipment_Outage/Restoration_Ale	er 1
T3.7.1.4.4	EXECUTE _Acknowledge_Equipment_Outage/Re storation_Alert	Acknowledge_Equipment_Outage/Restoration_Al	er 1
T3.1.1.4.5	A/O INITIATE _Deemphasize_Updated_Data_Field message	Deemphasize_Updoted_Data_Field	1
T3.1.1.4.6	EXECUTE _Deemphasize_Updated_Dato_Field message	Deemphasize_Updated_Data_Field	1
T3.1.1.5	OBSERVE DISPLAY OF NEW/ CHANGED SYSTEM STATUS DATA TASK TYPE: R COORD MEDIA:	FREQUENCY: MED CRITICALITY: MED	
T3.1.1.5.1	SCAN _System_Environmental_And_Status_Da ta_Display for new/ changed data	System_Environmental_Ard_Status_Data_Displa	y 1
T3.1.1.5.2	DETECT _System_Status_Data on _System_Environmental_And_Status_Data_Di splay *for new/ changed system status*	System_Status_Data System_Environmental_And_Status_Data_Displa	1 y 1
73.1.1.5.3	EXTRACT new/ changed system status data from _System_Status_Data on _System_Environmental_And_Status_Data_Display	System_Status_Data System_Environmental_And_Status_Data_Displa	1 y 1
T3.1.1.6	OBSERVE DISPLAY OF NEW/CHANGED AERONAUTICAL AND METI	EOROI.OGICAL DATA	
	TASK TYPE: R COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
T3.1.1.6.1	SCAN _System_Environmental_And_Status_Gu to_Display for new/ changed data	System_Environmental_And_Status_Data_Displa	y 1
T <b>3</b> ,1.1.6.2	DETECT _Aeronautical_And_Meteorological_ Data on _System_Environmental_And_Status _Data_Disploy *new/ changed aeronautical/ meteorological data*		1 py 1

		·	Tosk Elem	ent Report			
TASK NUMBER /		AND	NTS / DATA				NO. 1
ELEMENT NUMBE	R TASK	ELEMENT	STATEMENTS			OBJECTS	OBJE
73.7.1.6	OBSERVE DISPLAY	OF NEW/	CHANGED AERONAUTICAL AND METE	OROLOGICAL D	ųΤΑ		
	TASK TYPE:	. R	COORD MEDIA:	FREQUENCY:	_OM	CRITICALITY: MED (Continued)	
73,1.1.6.3	_Aer	onoutical	changed dato from i_And_Meteorological_Dato f crititical/ urgent*		Aeron	outicol_And_Meteorological_Data	1
T3.1.1.7	OBSERVE DISPLAY	/ OF NEW/(	CHANGED AIRPORT ENVIRONMENTAL			·····	
	TASK TYPE:	: R	COORD MEDIA:	FREQUENCY:	MED	CRITICALITY: MED	
T3.1.1.7.1	to_[	N_System_ Display fo Pronmental	or new/ changed		Syste	m_Environmental_And_Status_Dato_Dis	play 1
T3.1.1.7.2	Sys	stem Envir	ort_Environmental_Data on ronmental_And_Status_Data_Di changed environmental data*			ort_Environmental_Data um_Environmental_And_Status_Data_Dis	1 pay 1
73.1.1.7,3	_Air	rport Env:	changed ironmental_Data from ironmental_And_Status_Data_D hasized if critical/ urgent*		Airpo Airpo	ort_Environmental_Data ort_Environmental_And_Status_Data_Di	splay 1
T3.1.1.6	RECEIVE NOTICE	ŰF NEW/ I	CHANGED SYSTEM ENVIRONMENTAL	AND STATUS D	 ATA		
	TASK TYPE	; R/VC	COORD MEDIA: V/M	FREQUENCY:	MED	CRITICALITY: MED	
T3.1.1.8,1	Com	municatio iron⊪enta	Receiving TCS G/G ns *new/ changed system l and status data* O				
13.1.1.8.2	*ne	FORM TEM I	M.1. Receiving ATC Moil d system environmental/				
T3.1.1.9	INFORM OTHERS	OF NEW/ C	HANGED SYSTEM ENVIRONMENTAL A	IND STATUS CA	TA		
	TASK TYPE	: E/VC	COORD MEDIA: V/M	FREQUENCY:	LON	CRITICALITY: MED	
T3.1,1.9,1	Com	municatio ironmenta	Initiating TCS G/G ns *ne-/ changed system l and status data*		·		
T3.1.1.9.2	*ne	FORM TEM	O M.2, Sending ATC Mail d system environmental and				
r3.1.1.10	ENTER SYSTEM E	NV IRONMEN	ITAL AND STATUS DATA CHANCE ME	SSAGE			
. •	TASK TYPE			FREQUENCY:	LOM	CRITICALITY: MED	
Υ3.1.1.10.1	DEC sta	IDE need	to enter change to displayed system_Environmental_And_Stat			em Environmental_And_Status_Data_Di	splay 1
T3.1.1.10.2		TIATE _Sy sage	stem_Status_Data_Change		Syst	em_Status_Dato_Change	1

·			Task Eleme	ent Report			
TASK NUMBER /		TASK STATEMENT	S / DATA				NO. OF
ELEMENT NUMBE		TASK ELEMENT S	STATEMENTS			OBJECTS	OBJECT
3.1,1,10	ENTER SYSTE	M ENVIRONMENTA	AL AND STATUS DATA CHANGE MES				
	TASK 1	TYPE: E	COORD MEDIA:	FREQUENCY: L	.OW	CRITICALITY: MED (Continued)	
3,1,1.10,3		EXECUTE _Systemessage	em_Status_Data_Change		System	n_Status_Daca_Change	1
73.1.1.18.4			g of new change data on onmental_And_Status_Data_Di		System	m_Environmental_And_Status_Data_Displ	ay 1
3,1,1.11	OBSERVE SYS	STEM STATUS DIF	RECTLY			*******************************	
	TASK 1	TYPE: R/A	COORD MEDIA:	FREQUENCY: 1	.OW	CRITICALITY: MEU	
3,1,1.11,1		SCAN dirport sequipment state					
13,1,1,11,2		_	t surface for status of	•			
13.1.1.11.3		RECOGNIZE fail on airport sur	lure or damage to equipment rface				
3,1,2,1	ENTER CONT	ROLLER NOTE					
	TASK	TYPE: E	COORD MEDIA:	FREQUENCY:	LOW	CRITICALITY: LON	
3,1,2,1,1			troller_Note message			oiler_Note	1
3,1,2,1,2		EXECUTE _Cont	roller_Note message		Contr	oller_Not.e	1
⁷ 3,1,2,1,3			ance of cuntroller enterea roller_Notepod_Display		Contr	oile:_Notepad_Display	1
T3.1.2.2	DELETE CON	TROLLER NOTE					
	TASK	TYPE: E	COORD MEDIA:	FREQUENCY:	r (M	CRITICALITY: LCW	
T3.1.2.2.1			stroller_Note massage to outline form controller ay		Conur	oller_Note	1
T3.1.2.2.2		EXECUTE _Cont	roller_Nute message		Contr	roller_Note	1
T3.1.2.2.3			etion of appropriate text r_Notepad_Display		Contr	oller_Notepad_Display	1
T3,1,2.3	ENTER FDE	NOTATIONS					
	TASK	TYPE: E	CGORD MEDIA:	FREQUENCY:	MED	CRITICALITY: MED	
T3.1.2.3.1		INITIATE _Ent	er_FDE_Notation *FDEN*		Enter	_FDE_Notation	1
T3.1.2.3.2		EXECUTE _Ente	er_FDE_Notation message		Enter	FDE_Notation	1
T3.1.2.3.3		DETECT appear _Flight_Dato in_Flight_Dat Display	ance of Entry_Notation Ta_Entry on Flight Cata			et_Cata_Entry_Notation nt_Data_Entry	1
T3.1.2.4	DELETE FOR	NOTATIONS		,			
	TASK	TYPE: E	COORD MEDIA:	TREQUENCY:	L0W	CRITICALITY: LOW	
13.1.2.4.1			lete_FDE_Notation message to ght data entry notation		Delet	se_FDE_Natation	1

			Task Elem	ment Report		
TASK NUMBER /		TASK STATEMENT				NO. CF
ELEMENT NUMBE	IR .	AND TASK ELEMENT S		OBJECTS		
r3.1.2.4	OELETE FDE	NOTATIONS				
	TASK	TYPE: E	COORD MEDIA:	FREQUENCY: LON	CRITICALITY: LOW (Continued)	
73.1.2.4.2			ge_FDE_Notation message		ge_FDE_Notation	1
75.1.2.4.3		RECOGNIZE remo Flight Dota ( Flight Data ( Display	Entry_Nototion from Entry on ⊏light Data	Flig	pht_Data_Entry_Notation pht_Data_Entry	1
T3.1.2.5	OFLETE FOE	FROM TOOC SYS		**		
	TASK	TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
13.1.2.5.1		CECIDE need to system	o delete _FDE from TCCC	FO£	•••••••••••••••••••••••••••••••••••••••	1
73.1.2,5.2		INITIATE _Dro	p_Flight_Plan message	Drop	o_Flight_Plan	1
₹3.1.2.5.3		INDICATE _Fli	ght_!dentification	Flig	ght_Identification	1
13.1.2.5.4		EXECUTE _Drop	_Flight_Plon message	Orog	o_F1ight_Pian	î
T3.1.2.5.5		RECOGNIZE del _Flight_Data_	etion of FDE from Display	Flig	ght_Data_Display	1
T3.1.2.6	SELECT FOR	SORTING PRIOR				
	TASK	TYPE: E	COURD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW	
T3.1.2.6.1		INITIATE _Sel	lect_FDE_Sort_Technique order_flight_data_entries		ect_FDE_Sort_Technique	1
13.1.2.6.2		EXECUTE _Sele	ect_FDE_Sort_Technique	Sele	ect_FDE_Sort_Technique	1
73.1.2.6.3		RECOGNIZE pos in desired or	sting of _Flight_Data_Entry rder on _Flight_Data_Disploy	Flig Flig	ght_Data_Entry ght_Oota_Display	?? 1
13.1.2.7	SUPPRESS F	FUE FROM DISPLA	//Y			
	TASK	TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LCW	
13.1.2.7.1		INITIATE 5-p	opress_Display_Of_An_FDE own_display	Supp	press_Display_Of_An_FDE	1
73.1.2.7.2		EXECUTE _Supp message	orcss_Display_Of_An_FDE	Տսբլ	press_Display_Of_An_FDE	1
T3.1.2.7.3		RECOGNIZE rem _Flight_Data_ _Flight_Data_	Display	Flig	ght_Data_Entry ght_Data_Display	1
T3.1.2.8	RESTORE FI	DE TO DISPLAY			# <b>*</b>	
	TASK	TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T3,1.2.8.1		INITIATE Red message for d	quest_Flight_Data_Entry own display	Requ	uest_Flight_Outa_Entry	1
13.1.2.8.2		EXECUTE _Requ message	uest_Flight_Data_Fntry	Requ	uest_Flight_Doto_Entry	1
т3.1.2.8.3		RECOGNIZE opp Flight_Data *results of r message*	pearance of _Entry on _Flight_Disploy request flight dota entry		ght_Data_Entry ght_Display	1

		Task Elem	ent Keport	<b></b>		
TASK NUMBER .	TASK STATEMENTS AND					NO. OF
ELEMENT NUMBE	/ AND IR TASK ELEMENT STA				OBJECTS	OBJECTS
3.1.2.9	REQUEST FOE FROM ANOTHER PO					
	TASK TYPE: E/VC	COORD MEDIA: V/F	FREQUENCY:	LOM	CRITICALITY: MED	
13.1.2.9.1	INITIATE _Reque:				st_FDE	1
73.1.2.9.2	INDICATE _Flight	Identification		Fligh	t_Identification	1
T3.1.2.9.3	INDICATE _Posit. _Fdcility_Ident	on_Identifier or ifer	-		ion_Identifier ity_Identifer	1
T3.1.2.J.4	EXECUTE _Request	_FDE message		Reque	est_FDE	1
T <b>3,</b> 1.2.9.5	DETECT_FDE in on Flight Data	Flight Data Readout Area Readout Display			nt_Data_Readout_Arca	1
T3.1 2.10	UPDATE/REVISE CONTROLLER N	ote				
	TASK TYPE: E	COURD MEDIA:	FREQUENCY:	LON	CRITICALITY: LCW	
13.1.2.10.1	INITIATE _Contr form text*	oller_Note message *free		Conti	coller_Note	1
13.1.2.18.2	EXECUTE _Contro	ller_Note message		Contr	roller_Note	1
73,1,2,10,3	DETECT appearan in _Controller_	ce of changed information Notepad_Display		Contr	ruller_Notepod_Display	1
T3.2.1.1	RECEIVE FLIGHT PLAN FROM P	ILOT				~~ <b>~~~</b>
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY:	LOW	CRITICALITY: MED	
13.2.1.1.1	PERFORM TC5, C Air~To-Ground V plan*	ommunicating ia TCS *pilot flight				
13.2.1.2	REVIEW FLIGHT PLAN FOR COM	PLETENESS				
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY:	LCW	CRITICALITY: HI	
13.2.1.2.1		Plan contents received required Flight Plan		<b></b>		
13.2.1.2.2	DECIDE Flight F	lan complete				
T3.2.1.3	QUERY PILOT ABOUT FLIGHT F	LAN				
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY:	LOW	CRITICALITY: MED	
F3.2.1.3.1	PERFORM TCS. (					
13.2.1.4	ENTER FLIGHT PLAN					
	TASK TYPE: E	COORD MEDIA:	FREQUENCY:	l ON	CRITICALITY: MED	
13.2.1.4.1	INITIATE _Fligh				ht_Plan	1
T5.2.1.4.2	INTRODUCE _Cal:	sign		Call	sign	1
T3.2.1.4.3		ght plan information *as				

	,	Task Elem	ment Report	~	
TASK NUMBER /	TASK STATEME!	NTS / DATA			NO. CF
ELEMENT NUMBE	AND TASK ELEMENT	STATEMENTS		OBJECTS	OBJECTS
73.2.1.4	ENTER FLIGHT PLAN				
	TASK TYPE: E	COCRD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
13.2,1.4.4	EXECUTE _F1i	ight_Plan message		ht_Plan	1
73.2,1.4.5	R⊆CUG412E ne _Flight_Dota plan messag⊝	ະເຼີຍlight Daim Thiny in g_Display Thesults of flight ສະ	Fligi Flig	nt_Data_Entry nt_Oata_Display	1
73.2.2.1	RECEIVE PILOT REQUEST F	FOR FLIGHT PLAN AMENUMENT			
	TASK TYPE: VC	COORO MEDIA: V	FREQUENCY: MED	CRITICALITY: MED	
73.2.21	25R-10RM TCS. Air-To-Groun amendment⊀	. Communicating nd Via TCS #flight plon			
~*.2.2.2	RECEIVE CONTROLLER REQL	JEST FOR FLIGHT PLAN AMENOMENT	τ		
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MFD	
3.2.2.2.1	Communicatio request#	. Receiving TCS G/G ons *flight plan amendment			
*3.2.2.2.2	PERFORM TEM	O M.1. Receiving ATC Mail n amendment request*			
3.2.2.3	CETERMINE NEED FOR FLIC	CHT PLAN AMENOMENT			
	TASK TYPE: A	COORD MEDIA:	FREQUENCY: MED	CRITICALITY: MED	
3.2.2.3.1	ASSESS fligi	nt path of aircraft		·	
T5.2.2.3.2		O ication of preferential route			
*3.2.2.5.3		O fic management restrictions			
73.2.2.3,4	DECIDE need	for flight plan amendment			
*3.2.2.4	CHERY PILATZ CONTROLLE	R ON FLIGHT PLAN AMENDMENT		,	
3.2.2.	•	COORD MEDIA: V/M	EREQUENCY: LOW	CBISICALITY MED	
73,2,2,4,1		. Communicating and Via TCS rquery flight		001110021111100	
73.2.2.5	ENTER FLIGHT PLAN AMEND	:CMFNT			
		COCRD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
73.2.2.5.1	INITIATE E	light Data Amendment message ment of data contained in FDE*	Flig	gnt_Data_Amendment	1
73.2.2.5.2	EXECUTE _F1	.ight_Data_Amendment messaye	Flie	gnt_Data_Amendment	1
13.2.2 5.3	DETECT oppn _Flight_Out. _Flight_Date			gnt_Oata_Entry gnt_Data_Oisplay	1
T3.2.2.6	RECEIVE FOE FROM OTHER	R CONTROLLER FOR FLIGHT PLAN A	AMENDMENT		
İ	TASK TYPE: R	COORD MEDIA: F	FREQUENCY: LOW	CRITICALITY: MED	
T3.2.2.6.1	SCAN Clear	rance_Pending_List.		arance_Pending_List	1
I	-	<del>-</del> - <del></del>			

	TASK STATEMENTS / DATA		
TASK NUMBER / ELEMENT NUMBER	ANC TASK ELEMENT STATEMENTS	OBJECTS	NO. CF OBJECT
3.2.2.6	ECEIVE FDE FROM OTHER CONTROLLER FOR FLIGHT PLAN A	IFNCMFNT	
3.2.2.5.2	DETECT_FDE added to Clearance Pending List *emphasized*	FREQUENCY: LOW CRITICALITY: MED (Continued)  FDE	1
3.2.2.7 i	MPHASIZE FDE POSTING FOR REMINDER ACTION		
	FASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
3.2.2.7.1	DECIDE need for emphasizing _Flight_Data_Entry item	Flignt_Oata_Entry	1
3.2.2.7.2	SELECT significant _Flight_Data_Entry *FDE field emph.sis*	Flight_Data_Entry	1
73.2.2.7.3	TRANSFORM selected _Flight_Dato_Entry item *emphasize*	Flight_Data_Entry	1
5.2.2.8	FLETE FOE EMPHASIS	·	
	TASK TYPE: E CCCRD MEDIA:	FREQUENCY; LOW CRITICALITY, MED	
3.2.2.3.1	DECIDE need to delete _Flight_Data_Entry emphasis	Flight_Data_Entry	;
3.2,2.3.2	SELECT significant _Flignt_Dota_Entry	Flight_Data_Entry	1
T3.2.2.3.3	TRANSFORM selected _Flight_Data_Entry item *deemphasize*	Flight_Data_Entry	1
73.2.3.1	OBSERVE NEW FLIGHT DATA ENTRY IN CLEARANCE PENDING	LIST	
	TASK TVPE: R/A COORD MEDIA:	FREQUENCY: HI CRITICALITY: MED	
T3.2.3.1.1	SCAN _Clearance_Pending_List	Clearance_Pending_List	1
T3.2.3.1.2	DETECT _FDE added to Clearance Pending List	FDE	1
T3.2.3.2	REQUEST FULL FLIGHT PLAN READOUT		- <b></b>
	TASK TYPE: E COORD MEDIA:	FREQUENCY: H1 CRITICALITY: MED	
T3.2.3.2.1	INDICATE _Flight_Identification	Flight_Identification	1
T3.2.3.2.2	EXECUTE _Request_Full_Flight_Plan_Readout function	Request_Full_Flight_Plan_Readout	1
T3.2.3.2.3	DETFCT Full Flight Plan Readout in _Message_Composition_&_Response_Display	Message_Composition_%_Response_Display	1
*3.2.3.2.4	EXECUTE _Request_Flight_Doto_Peodout function	Request_Flight_Data_Readout	1
13.2.3.2.5	DETECT Tower Flight Data in _Flight_Data_Readout_Display	Flight_Dato_Readout_Display	1
T3.2.3.3	OBSERVE FULL FLIGHT PLAN READOU!		
	TASK TYPE: R COORD MEDIA:	FREQUENCY: HI CRITICALITY: HI	
T3.2.3.3.1	SCAN Full Flight Plan Readout inMessage_Composition_&_Response_Display	Message_Composition_&_Response_Display	1

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TASK NUMBER	,	ASK ST	ATEMENTS	/ DATA				NO. CF
ELEMENT NUMB		ASK EL	EMENT ST	ATEMENTS			DBJECTS	OBJECTS
T3.2.3.3	OBSERVE FULL	. FLIGH	T PLAN RE	· · · · · · · · · · · · · · · · · · ·				
	TASK TY	/PE: R	!	COORD MEDIA:	FREQUENCY: HI		CRITICALITY: HI (Continued)	
T3,2.3.3.2	ε	XTRACT		Plan Data from Full	•			
T3.2.3.3.3				nt Data in adout_Display		Flight	t_Data_Readout_Display	1
T3.2.3.3.4	Ε	EXTRACT	Tower F	light Data on an aircraf	t			
T3.2.3.4	REVIEW FLIGH	HT DATA	ENTRY F	OR ERRORS/ DATA LIST SEQ	UENCE			
	TASK TY	YPE: R	R/A	COORD MEDIA:	FREQUENCY: HI		CRITICALITY: MED	
T3.2.3.4.1	(F	COMPARE Pending	E format g List to	of _FDE in Clearance required format equencing of contents*		FCE		1
T3.2.3.4.2	•			ors, if any, exist in E in Clearance Pending		FDE		1
T3.2.3.4.3	1	DECIDE Cleanar sequenc	nce Pendi	ms, if any, in _FDE in ng List are incorrectly		FDE		1
13.2.3.5	RESEQUENCE	FDE MAI	NUALL /					
	TASK T	√PE: {	E	COORD MECLA:	FREQUENCY: HI	I	CRITICALITY: LOW	
T3.2.3.5.1		INITIA resequi Duta D		llv_Order_FDE message to gnt_Data_Entry on Flight		Manua Fligh	oll, Order_FOE ut_Data_Entry	1
T3.2.3.5.2		EXECUTI	E _Manual	.ly_Post_FDE message		Manua	illy_Post_FDE	1
T3.2.3.5.3		_Fligh	new loca t_Data_Fr t_Data_Di	ntry on			nt_Data_Entry nt_Data_Display	1
73,3,1.1	RECEIVE PIL	C38 TO	UEST FOR	CLEARANCE				
	TASK T	YPE:	VC	COORD MEDIA: V	FREQUENCY: LO	CM	CRIFICALITY: MED	
73.3.1.1.1			-Ground \	Communicating /ia TCS *IFR clear &			·	
T3.3.1.2	SEARCH CLEA	RANCE	PENDING (IST FOR FDE			,	
	TASK T	YPE:	R/A	COORD MEDIA:	FREQUENCY: H	I	CRITICALITY: MED	
T3.3.1.2.1			Clearar	nce_Pending_List for		Clear	rance_Pending_List	1
73.3.1.2.2		IDENTI	FY signi:	ficant _FDE		FDE		1
T5.3.1.3	OBSERVE FDE	FOR P	RESENCE (OF POR/ POAR AND/ OR REM				
	TASK I	YPE:	R	COORD MEDIA:	FREQUENCY: H	I	CRITICALITY: HI	
73.3.1.3.1		SEARCH Remark		PDR, PDAR, ann/or		FOE		1

		Tosk Elem	ent Report		
TASK NUMBER /	TASK STATEMENTS AND	· -			NO. OF
ELEMENT NUMBER		TATEMENTS		OBJECTS	GBJECTS
3.3.1.3	OBSERVE FOE FOR PRESENCE O	OF POR/ POAR AND/ OR REMARK	s		
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: HI	CRITICALITY: HI (Continued)	
73.3.1.3.2	_Flight *PDR,		Pret	ferential_Route_Applied_To_5light	1
T3.3.1.3.3	A/O RECOGNIZE _Remo		Remo	anks	1
 T3.3.1.4	REQUEST CLEARANCE FROM ACF	CONTROLLER			
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
⊺3.3.1.4.1	PERFORM TOS, Communication	Initiating TCS G/G *clearance request*			
T3.3.1.4.2	0 PERFORM TEM M. *clearance req	1, Sending ATC Mail uest*			
73.3.1.5	RECEIVE CLEARANCE FROM AC	F CONTROLLER		************	
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LCH	CRITICALITY: MED	
73.3.1.5.1	PERFORM TEM M. *ATC clearance O				
13.3.1.5.2	PERFORM TCS.	Receiving TCS G/G *ATC clearance*			
T3.3.1.6	FORMULATE A CLEARANCE WIT	H APPROPRIATE INSTRUCTIONS			
	TASK TYPE: A	COORD MEDIA:	FREQUENCY: HI	CRITICALITY: HI	
T3.3.1.6.1	INTEGRATE ment constraints an	al traffic picture with d conditions			
T3.3,1.6.2	DECIDE clearan	ce needed *for issuance:			
T3.3.1.6.3		ents of appropriate luding necessary			
T3.3.1.7	ISSUE CLEARANCE AND INSTR	UCTIONS TO PILOT			
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: HI	CRITICALITY: HI	
73,3.1.7.1		ommunicating Air-To-Ground ent clearance and			
T3.3,1.8	VERIFY PILOT HAS CURRENT				
	TASK TYPE: R/A/VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
T3.3.1.8.1		ode received with n_Of_Message_By_Alphabetic	Ide	entification_Of_Message_By_Alphabetic	
T3.3.1.8.2	PERFORM TCS,	Communicating Via TCS *latest ATIS			
T3.3.1.8.3	information	ias current ATIS			
T3.3.1.9	TRANSFER FOE TO STANDBY L				
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: HI	CRITICALITY: MED	
73.3.1.9.1	INDICATE _FDE		FDE		1

	Tosk E		
TASK NUMBER /	TASK STATEMENTS / DATA AND		NO. OF
ELEMENT NUMBER	TASK ELEMENT STATEMENTS	OBJECTS	OBJECTS
3,3.1,9 T	RANSFER FDE TO STANLOY LIST		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: HI CRITICALITY: MED (Continued)	
T3.3.1,9.2	EXECUTE Post/Order FDS *transfer FDS to Standby List*		1
T3.3.1.9.3	DETECT _FDE moved to Standby List	FOE	1
T3.3.2.1 0	DBSERVE FDE IN STANDBY LIST	**************************************	
	TASK TYPE: R COORD MEDIA:	FREQUENCY: HI CRITICALITY: MED	
T3.3.2.1.1	SCAN _Standby_List	Standby_List	1
T3.3.2.1.2	DETECT _FDE in Standby List	FDE	1
13,3,2,2	SSUE NOTICE TO PILOT TO CONTACT/ MONITOR GROUND		
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: HI CRITICALITY: MED	
73.3.2.2.1	PERFORM TCS. Communicating Air-Ta-Ground Via TCS *contact or monitor Ground Control on frequency*		
T3.3.2.3 1	RANSFER FDE TO OTHER CONTROLLER		
	TASK TYPE: E COORD MEDIA; F	FREQUENCY: HI CRITICALITY: MED	
тз.з.2.3.1	INITIATE _Pos-To-Pos_Transfer_Of_Data message	Pos-ĭa-Pos_Transfer_Of_Data	1
73.3.2.3.2	INUJUATE _Flight_Identification	Flight_Identification	1
T3.3.2 3.3	INDICATE _Receiving_Position	Receiving_Position	1
Т3.3.2.3.4	EXECUTE _Pos~To-Pos_Transfer_Of_Data message	Pos-Tv-Pus_Transfer_Of_Data	t
Т3.3.2.3.5	<pre>DETECT disappearance of _Flight_Data_Entry from _Flight_Data_Display</pre>	Flight_Ooto_Entry Flight_Ooto_Display	1
T3.3.5.1	RECEIVE NOTICE OF SPECIAL OPERATION		~
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LCA CRITICALITY: MED	
Т3.3.3,1,1	PERFORM TEM M.1, Receiving AIC Mail *notice of special operation*		
T3.3.3.1.2	A/O PERFORM TCS, Receiving TCS G/G Communications *notice of special operation*		
13.3.3.2	PERCEIVE PRESENCE OF SPECIAL OPERATION		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LGN CRITICALITY: MED	
T3.3.3.2.1	DETECT significant _Callsign	Collsign	1
T3.3.3.2.2	O DETECT significant _Planned_Route_Of_9 gle_Aircroft_on _Route_Display	Sin Planned_Route_Of_Single_Aircroft Route_Display	1 1
T3.3.3.2.3	O DETECT _Full_Dota_Block or _Limited_Dota_Block of aircraft presended within _Special_Use_Airspace on _Situation_Display O		1 1 1

	Tosk Elem	ent Report	
TASK NUMBER	TASK STATEMENTS / DATA		NO. OF
ELEMENT NUMB	ER TASK ELEMENT STATEMENTS	08JECTS	OBJECT
73.3.3.2	PERCEIVE PRESENCE OF SPECIAL OPERATION	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED (Continued)	
T3.3.3.2.4	DETECT Flight Data Entry remarks for special handling instructions		1
T3.3.3.2.5	DETECT aircraft normally associated with special operation		
73,3.3.3	INFORM OTHERS OF SPECIAL OPERATION	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
13.3.3.3.1	PERFORM TEM M.2. Sending ATC Mail *special operations*		
T3.3.3.3.2	PERFORM TCS, Initiating G/G Communications *special operations*		
73.3.3.4	CONDUCT SPECIAL OPERATION ACTIONS		
	TASK TYPE: TBD COORD MEDIA:	FREQUENCY: LCW CRITICALITY: MED	
T3.3.3.4.1	INTEGRATE Flight Data Entry and special operation actifities into mental traffic picture	Flignt_Oata_Entry	32
13.3.3.4.2	*CROSS-REFERENCE special operation directive		
T3,3.3.4.3	DECIDE special operations actions required		
73.3.3.5	RECEIVE NOTICE OF TERMINATION OF SPECIAL GPERATION		
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
T3.3.3.5.1			
Y3.3.3.5.2	PERFORM TCS, Receiving TCS G/G Communications *termination of special operation*		
T3.3.3.6	ENTER FERMINATION OF SPECIAL OPERATION		
		FREQUENCY: LGW CRITICALITY: MED	
T3.3.3.6.1	INITIATE _System_Status_Data_Change message	System_Status_Data_Change	1
™3.3.3.€ 2	INTRODUCE _Data_Category	Dota_Category	1
T3.5.5.6.3	IN)RODUCE Text *reporting termination of special operation*	Text	1
T3.3.5.6.4	EXECUTE _System_Status_Data_Change message	System_Status_Data_Change	1
73.3.3.6.5	RECOGNIZE _System_Status_Data_Change function results	System_Status_Dota_Change	7
T3.3.4.1	RECEIVE NOTICE OF SPECIAL CONDITION/ EMERSENCY		<u></u> -
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI	
T3.3.4.1.1	PERFORM TEM M.1, Receiving ATC Mail *notice of aircraft problem* A/O		

		Tosk Elemei	nt Report				
TASK NUMBER /	TASK STATEMENTS / DATA						NO. CF
ELEMENT NUMBER	TASK SLEMENT STATEMENTS				OBJECTS		OBJECTS
T3.3.4.1 REC	EIVE NOTICE OF SPECIAL CONDITION/ E	MERGENCY					
	TASK TYPE: R/VC COORD MEDI	A: V/M	FREQUENCY:	LCM	CRITICALITY: HI	(Continued)	
T3.3.4.1.2	PERFORM TCS, Receiving TCS Communications *notice of problem*	G/G	# -				
T3.3.4.1.3	C PERFORM TCS, Communicating Air-To-Ground Via TCS *pil aircraft problem*						
T3. 1.4,1.4	A/O DETECT emphasized _Exceptio in _Full_Data_Block of Situ *indicating presence of sp condition or emergency*	otion Display		Exce Full	ption_Beacon_Code _Data_Block		1
T3,3,4,1,5	DETECT _Aircraft_Emergency _Alert_And_Resolution_Displ aural_olarm* and _Exception	ay *with		Aler	raft_Emergency t_And_Resolution_Di: ption_Beacon_Coae	splay	1 1 1
T3.3.4.1.6	INTEGRATE information regar condition or emergency	ding special					
T3.3.4.2 085	SERVE AIRCRAFT/ VEHICLE ABNORMALITY	DIRECTLY			*************		
	TASK TYPE: R/A COORD MED	lA;	FREQUENCY:	LOM	CRITICALITY: HI		
T3.3.4.2.1	SCAN specific pircroft/ veh abnormal condition	nicle for				******	
13,3,4,2.2	RECOGNIZE aircraft/ vehicle condition	e abnormal					
T3.3.4.2.3	ASSESS scriousness of obser or vehicle abnormality	rved aircaft					
13.3.4.3 PE	RCEIVE PRESENCE OF SPECIAL CONDITION	N/ EMERGENCY AUF	RALLY				
	TASK TYPE: A/VC COORD MED	IA: V	FREQUENCY:	LOM	CRITICALITY: HI		
T3.3.4.3.1	PERFORM 1CS, Communicatin Air-To-Ground Via TCS *de pilot communication behavi	tect errotic		*******			
T3.3.4.4 F0	RWARD SPECIAL CONDITION/ EMERGENCY	INFORMATION TO S	SUPERVISOR/	ANOTHE	CUNTROLLER		
	TASK TYPE: E/VC COORD MED	IA: V/M	FREQUENCY:	LOM	CRITICALITY: HI		
T3.3.4.4.1	PERFORM TEM M.2. Sending *contingency information*	ATC Mail	~ ~~	****			
T3.3.4.4.2	A/O PERFORM TCS. Initiating T Communications *contingen information*						
T3.3.4.5 IN	FORM PILOT/ VEHICLE OPERATOR OF ABN	ORMAL AIRCRAFT/	VEHICLE CO	NDITION			
	TASK TYPE: VC COORD MED	IA: V	FREQUENCY:	LOv!	CRITICALITY: HI		
T3.3.4.5.1	PERFORM TCS, Communication Air-To-Cround Via TCS *co information to pilot or gr operator hoving problem*	ntingency					
T3.3.4.6 RC	VIEW CONTINGUICY CHECKLIST ON STATE				***********		
	TASK TYPE: E/R/A COORD MED	IA:	FREQUENCY:	FOM	CRITICALITY: HI		
	INITIATE _Display_Static_I				play_Static_Informat		1

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TASK NUMBER /	TASK STATEMENTS AND				NO. OF
LLEMENT NUMBE	TASK ELEMENT STATEMENTS			OBJECTS	08JEÇT
T3.3,4.6	REVIEW CONTINGENCY CHECKLIS	T ON STATIC DISPLAY			
	TASK TYPE: E/R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI (Continued)	
T3.3.4.5.2	EXECUTE _Display message	_Static_Information	Disp	oloy_Static_Information	1
13.3.4.6.3	CROSS-REFERENCE checklist	contingency plan			
T3.3.4.6.4	SYNTHESIZE ontir informaton into	ngency_plan_checklist a mental traffic picture	plan	n_checklist	1
73.3.4.7	CONDUCT RAMP SEARCH FOR OVE	RDUE AIRCRAFT			
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LCW	
73.3.4.7.1.1	PERFORM TEM C.3. Air-To-Ground vi A/O				•
13.3.4.7.1.2	SEARCH romp area	on for aircraft having and aircraft type of			
73.3,4.8	RECEIVE NOTICE OF TERMINAT	ION OF SPECIAL CONDITION/		··	
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRIFICALITY: MED	
73.3.4.8.1		Receiving ATC Morl special condition/	•		
13.3.4.8.2	PERFORM TCS, R	eceiving TCS G/G *termination of special			
73,3,4.8.3	PERFORM TCS, C	ia TCS *termination of on/emergancy*			
T3.3,4.9	FORWARD NOTICE OF TERMINAT				
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T3.3.4.9.1	<pre>*termination of emergency*</pre>	. Sending ATC Mail special condition/	·····	·	
T3.3.4.9.2		nitiating TCS G/G *termination of special			
T3.3.4.9.3	PERFORM TCS, C	ia TCS *termination of			
T3.4.1.1	RECEIVE CANCELLATION OF TR	AFFIC MANAGEMENT RESTRICT	I CN		
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T5.4.1.1.1	SCAN _Truffic_M	anagement_Advisory_List	Tro	ffic_Management_Advisory_List	1
T3.4.1.1.2		ic Management Advisory vious Traffic Management			

		Josk Flew	ment Report		
TASK NUMBER /	TASK STATEMENTS	S / DATA			NO. OF
ELEMENT NUMBER	TASK ELEMENT ST			OBJECTS	OBJECT
r3.4.1.1 REC		RAFFIC MANAGEMENT RESTRICTI		14*************************************	
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
ï3.4.1.1.3	DETECT absence from _Traffic_N	of significant advisory Monagement_Advisory_List	Tro	affic_Management_Advisory_List	1
T3.4.1.1.4	SCAN _FDE in _S	Standby_List	FDE Sta	E andby_List	10 1
T3.4.1.1. 5	Standby List *	_Indicator in _FDE in *indicating concellation ugement Restriction*	Cho F#E	onge_Indicator E	1
T3.4.1.1.6	PERFORM TEM M.1	1, Receiving ATC Mail c Management Restriction*			
T3.4.1.1.7	Communications Management Rest				
T3.4.1.2 08:		IN TRAFFIC MANAGEMENT ADV			
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: MED	CRITICALITY: HI	
73.4.1.2.1				affic_Management_Advisory_List	
T3.4.1.2.2	*emphasized*	ement_Advisory_List		affic_Management_Advisory_List	
T3.4.1.3 RE		T RESTRICTION (E.G., EDCT)			
	TASK TYPE: R/VC	COORD MEDIA: V/F	FREQUENCY: HI	CRITICALITY: MED	
15.4.1.3.1	SCAN _Standby_L	List	Sto	anaby_List	1
T3.4.1.3.2		nge_Indicator in _FDE in *indicating EDCT*	Cho FDE	ange_Indicator E	1 1
13.4.1.3.3		T in _FDE in Clearance	EDG FO		1 1
T3.4.1.3.4	*EDCT, other Tr Restriction*	1, Receiving ATC Mail raffic Management			
13.4.1.3.5					
T3.4.1.4 F0	JRWARD TRAFFIC MANAGEMEN	NT RESTRICTION TO SUPERVISO		R/ PiLOT	
	TASK TYPE: E/VC	COCRD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T3.4.1.4.1		Initiating TCS G/3 *Traffic Management			
T3.4.1.4.2	*Traffic Manag	.2. Sending ATC Moil gement Restriction*			
T3.4.1.5 DI		NT RESTRICTION PROCEDURES W		ILOT	
	TASK TYPE: VC	COORO MEDIA: V			
13.4.1.5.1	PERFURN TCS, Communications Restriction*	Initiating TCS G/G s *Traffic Menugement			

		Task Element Report		
TASK NUMBER /	TASK STATEMENTS / DATA			NO. OF
ELEMENT NUMBE			08JECTS	OBJECT
3.4,1.5	DISCUSS TRAFFIC MANAGEMENT RESTRIC	TION PROCEDURES WITH CONTROLLER/	PILOT	
	TASK TYPE: VC COORD	MEDIA: V FREQUENCY: ME	D CRITICALITY: MED (Continued)	
3.4.1.5.2	PERFORM TCS, Receiving Communications *Traffi Restriction*			
3.4.1.5.3	A/O PERFORM TEM M.2. Sendi *Traffic Munagement Res			
3.4.1.5.4	0 PERFURM TCS. Communico Air-To-Ground Via TCS Management Restriction*	*Traffic		
3.4.1.6	INFORM PILOT OF ESTIMATED DEPARTUR	RE CLEARANCE TIME		
	TASK TYPE: VC COORD	MEDIA: V FREQUENCY: HI	CRITICALITY: MED	
3.4.1.6.1	PERFORM TEM C.3, Commu Air-To-Ground Via TCS			
73.4.1.7	OBSERVE DELETION OF ENTRY FROM TRA	AFFIC MANAGEMENT ADVISORY LIST		
	TASK TYPE: R COORD	MEDIA: FREQUENCY: LO	H CRITICALITY: MED	
3.4,1.7,1	SCAN _Traffic_Managemen	nt_Advisory_List	Traffic_Management_Advisory_List	1
3.4.1.7.2	DETECT deletion of entr _Traffic_Management_Adv	visory_List	Traffic_Management_Advisory_List	1
3.5.1.1	REVIEW ATIS RECORDING			~
	TASK TYPE: R/A COORD	MEDIA: FREQUENCY: ME	Ō CRITICALITY: HI	-
3.5.1.1.1	PERFORM TCS, Broadcas Recordings *monit	ting ATIS Voice or ATIS*		-
73.5.1.1.2	CROSS-REFERENCE ATIS-r on _Sys_Environ_&_Stat		Sys_Environ_&_Status_Data_Disploy	1
T3.5.1.1.3	DECIDE currency and co recording data	mpleteness of ATIS		
T3.5.1.2	UPDATE ATTS RECORDING	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	TASK TYPE: E COORD	MEDIA: FREQUENCY: M	ED CRITICALITY: HI	
T3.5.1.2.1	PERFORM TCS, Broadcas Recordings *verba recording data*	ting ATIS Voice Pily update ATIS		
r3.5.1.3	ENTER AWOS/ASOS APPENDAGE			
	TASK TYPE: E COORD	MEDIA: FREQUENCY: L	ON CRITICALITY: MED	
T3.5.1.3.1	DECIDE need to append	AWOS/ASCS		
13.5,1.3.2	INTRODUCE _Supplement_ r DATA	to_AWOS/ASOS_Senso	Sc lement_to_AWOS/ASOS_Sensor	1
T3.5.1.3.3	EXECUTE _Supplement_to	_AWOS/ASOS	Supplement_to_AUOS/ASOS	1
T3.6.1.1	ERIEF RELIEVING CUNTROLLER			
	TASK TYPE: E/R/VC COORD	MEDIA: V FREQUENCY: L	OW CRITICALITY: HI	· •
T3.6.1.1.1	INITIATE _Display_Stat	tic Information	Display Static_Information	1

		Task Elen	ent Report		
TASK NUMBER /	TASK STATEMENTS AND	/ DATA			NO. OF
ELEMENT NUMBE				OBJECTS	OBJECTS
r3.6,1,1	BRIEF RELIEVING CONTROLLER				
	TASK TYPE: E/R/VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI (Continued)	
73.6.1.1.2	CRCSS-REFERENCE	_Position_Checklist	Po	osition_Checklist	1
T3.6.1.1.3	traffic and weat status, priority	controller *mental her picture, systems text messages, ations, and display			
13.6.1.2	SIGN OFF AT CONSOLE			, d b = 0 = - 0	
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW	
T3.6.1.2.1	EXECUTE _Sign_Of			ign_Off	1
T3.6.1.2.2	-			ign_Off	1
T3.6.1.3	VERIFY COMPLETENESS OF REL			***************************************	
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T3.6.1.3.1	controller for significant mat				
T3.6.2.1	SET UP TPC ADAPTATION PARA				,
	TASK TYPE: E	COORD MEDIA:		CRITICALITY: LOW	
T3.6.2.1.1	INTTIATE Modif *set display pr preference*	y_Display_Preference Set eferences to personal	M	lodify_Display_Preference_Sct	i
73.6.2.1.2	EXECUTE _Modify message			lodify_Uisplay_Preference_Set	1
13.5.2.2	RECEIVE CONTROLLER RELIEF				J
	TASK TYPE: R/VC	COURD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
T3.6.2.2.1	=	Position Checklist		Position_Checklist	1
13.6.2.2.2	A SEARCH _Dota_Di needea*	splay *displays as	C	Oata_Display	13
T3.6.2.2.3	weather, system controller dire	ler briefing on troffic, s status *local ctly*			
T3.6.2.2.4		eceiving TCS G/G *ACF controller			
13.6.2.2.5		ic, weother, and systems tall traffic and systems			
T3.6.2.3	CHECK DISPLAY FOR PROPER C	ONFIGURATION, USABILITY,	AND SATISFACTORY	STATUS	
!	TASK TYPE; R/A		FREQUENCY: MED		
T3.6.2.3.1	SEARCH Data Di	splay functionality		Jata_Display	18

	Tosk Ele	ement Report		
TASK NUMBER ELEMENT NUMB	TASK STATEMENTS / DATA / AND IER TASK ELEMENT STATEMENTS			NO. QF GBJECTS
3.6.2.3	CHECK DISPLAY FOR PROPER CONFIGURATION, USABILITY,	AND SATISFACTORY S	TATUS	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: MED	CRITICALITY: MED (Continued)	
3.6.2.3.2	ASSESS display/ control adequacy			
3.6.2.4	SICN ON AT DESIGNATED CONSOLE			
	TASK TYPE: 6 COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LGW	
3.6.2.4.1	INITIATE _Sign-On message		ตูก-0n	1
3.6.2.4.2	EXECUTE _Sign-On message	Si	gn-Ori	1
3.6.2.5	REQUEST IMPLEMENTATION UF TPC ADAPTATION PARAMETER	s		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LCW	CRITICALITY: LOW	
13.6.2.5.1	INITIATE _Display/Invoke_Display_Prefer nce_Set massage	e Di	splay/Invoks_Display_Preference_Set	1
13.6.2.5.2	EXECUTE _Display/Invoke_Display_Prefere	n 9	isplay/Invoke_Disploy_Preference_Set	1
3.6.2.5.3	RECOGNIZE dispuly of personal preference selections s	е		
3.6.2.5	ADJUST PARAMETERS AND DISPLAY TO PERSONAL REFERENCE	E	·	
	TASK TYPE: E/R COORD MFD14:	FREQUENCY: LOW	CRITICALITY: LOW	
3.6.2.6.1	ASSESS need for parameter adjustment or _Data_Display	ι Ω	ο; τ ⁻ υί εύμολ	1
73.5.2.6.2	INITIATE _Adjust_Symbol_Brightness, _Adjust_Physical_Display_Size/Shape/Loc tion, and _Adjust_Brightness_Of_Data_Cl ss messages for personnel preferences _A/O	`o A	djust_Symbol_Brigntness djust_Physical_Display_Size/Shape/Location djust_Brightness_Of_Data_Class	1 1 1
T3.5.2.9.3	EXECUTE _adjust_Symbo_Brightness, _Adjust_Phsical_Display_Size/Shope/Locd ion, and _Adjust_Brightness_Of_Data_Clo s messages	a± A	ajust_Symbo_Brightness ajust_Phsical_Display_Size/Shope/Location ajust_Brightness_Of_Cata_Class	1 1 1
™3.5.2.6.+	RECOGNIZE adjustment results onCata_Display	0	ato_Oisploy	1
73.6.2.7	REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE	SELF	· · · · · · · · · · · · · · · · · · ·	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T3.6.2.7.1	ACQUIRE System Status Data Display for information pertinent to assuming control of position	- S	ystem_Status_Data_Display	1
T3.6.2.7.2	SYNTHESIZE extracted information with regard to assuming position responsibility			
T3.6.2.8	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEAT			
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: MED	CRITICALITY: HI	
T3.6.2.8.1	ACQUIRE _Data_Display to determine current and projected traffic/ weather *all logical displays*		Cota_Display	1

			Task Elem			
TASK NUMBER /		TASK STATEMEN' AND				NO. CF
ELEMENT NUMBE	સ	AND TASK ELEMENT S			OBJECTS	OBJECTS
73.6.2,8	REVIEW CUF	RRENT AND PROJE	CTED TRAFFIC STATUS/ WEATHER			
	TASK	TYPE: R/A	COORD MEDIA:	FREQUENCY: MED	CRITICALITY: HI (Continued)	
13.6.2.8.2		SYNTHESIZE ext mental troffi	ktracted information into a ic picture of current and iffic and weather status			
r3.6.3,1	DETERMINE	IMPENDING CONT	FROLLER OVERLOAD			
	TASK	TYPE: A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
T3.6.3.1.1			ent Mental Traffic Picture ed future Traffic Picture	,		
T3.6.3.1.2		DECIDE subjec	ctive workload estimate			
r3.6,3,2	INFORM SUF	PERVISOR OF POT	TENTIAL OVERLOAD CONDITION			
	TASK	TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LCH	CRITICALITY: MED	
T3.6.3,2.1			verload condition*	A	/	
T3.6.3.2.2		PERFORM TCS.	Initiating TCS G/G ns *potential overload			
73.6,3,3	RECEIVE SI	UPERVISOR NOTIC	CE TO COMBINE/ DECOMBINE POS		***************************************	
	TASK	TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
73.6.3.3.1			M.1, Receiving ATC Muil ombine/decombine positions*			
13,6.3.3.2		PERFORM TCS.	Receiving TCS G/G ns *notice to compine/			
T3.6.3.4	REQUEST A	SSISTANCE OR RE	EL!EF			
· • • • • • • • • • • • • • • • • • • •			COORD MEDIA: V/M	FREQUENCY, LOW	CRITICALITY #1	
73,6,3,4,1		PERFORM TEM M	M.2, Senaing ATC Mail assistance or relief*			
*3.6.3.4.2			C Initiating TCS G/G He Prequest for assistance			
73,6,4,1	CONDUCT P	OSITION COMBINA	ATION, DECOMBINATION PROCEDU			
	TASK	, TYPE: E.'R	COORD MEDIA:	FREQUENCY, LOW	CR:11C4.11V MED	
73.6.4.1.1	,	TBO 180-	, <u>*</u>		***************************************	
T3.6.4.2	CBSERVE T	PC CONFIGURATIO	ON IN RESPONSE TO CONFIGURAT			
	TASK	. TYPE: R	COORD MEDIA:	FREQUENCY: LCM	CRITICALITY: MED	
73.6.4.2.1		from _Static_	iguration plan in effect _Informaton_Display		otic_Information_Bisplov	1
		ON-ACCEPTANCE OF	•			
ı	TASK	TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY; HI	
3,7,1,1,1		DETECT data e	entry response feedback ed			

		Tosk El	lement Report		
TASK NUMBER / ELEMENT NUMBER	TASK STATEMEN AND TASK ELEMENT	•		OBJECTS	NO. OF OBJECT
3.7.1.2 ENTER INF	PUT DATA MANUALL	Y ON CONSCLE			
TAS	K TYPE: E	CUORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
3.7.1,2.1	INTRODUCE inp	out data manually *to own			
3.7.1.2.2		A/O a item to be input manually	у		
3.7.1.3 FORWARD	INPUT DATA MANUA	ALLY TO OTHER TPC			
TASI	K TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
3.7.1.3.1		sition Identification		tion_Igentification	1
73.7.1.3.2	INDICATE TPC	data to be forwarded			
73.7.1.3.3	ACTIVATE man	ual data forwarding sequend data to other TPC*	Cé		
3.7.1,4 RECEIVE	INPUT DATA MANU	ALLY FORWARDED FROM OTHER	TPC		
TAS	K TYPE: R	COOPD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
3 7,1,4.1	EXTRACT data forwarded fr	input manually and am unother TPC			
TS 7.2 1 RECEIVE	NOTICE OF THE F	AILURE		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
* ±S	K TYPE: R YD	COORD MEDIA: V/M	FREQUENCY: LOA	CRITICALITY: MED	
.,		Receiving TCS G/G H *motice of TPC foilure*		·····	
3.2.2	audefice of . Sédépase léa	o Mil. Receiving ATO Mail PO failure⊤			
3 1 2 2 08727 3	COLLEGE DE TR	C FALURE			
٠ بن	A F Section	COORD MEDIA	FREQUENCY LOW	CRITICALITY: H1	
E * * * * *	States Dota	puter_Outoges in System	Com	cuter_Outages	1
• • • •	ATET JED.	pment_Outope_Flent	Eau	:pment_Outage_Alent	1
57225	ECTAL TES		£ą.	ipment_Outage_Alert	1
3 * 2 2 *	MTETT word. Console	inction of Tower Position			
5 1 2 5 F DR482	% ": 3 ≯ @.13	™en STATuti		~*************************************	
"A;	y 749€ € 4C	COORD MEDIAL A M	FRECHENCY: LOW	CRITICALITY: HI	
15 12 3 1		, initiating TWO 0-0 ons *notice of equipment			
75 7 2 3 2	PERFORM TEM	C M.2, Sending ATC Mail equipment status*			

		·	Task Elem	ent Réport			
*10~ 1 MOCD /		TASK STATEMENT	S / DATA				N O
TASK NUMBER // ELEMENT NUMBE	R	TASK ELEMENT S	TATEMENTS		C	BLECTS	NU. OF OBJECT
3.7.3.1	RECEIVE NOT	TICE OF TOCC FA	ILURE				
	TACK 1	TYPE: VC	CCCRO MEDIA: V	FREQUENCY: LO		CRITICALITY: HI	
73.7.3.1.1		PERFORM TCS, Communications	Receiving TCS S/G #notice : f TCCC failure*				
3.7.3.2	DEFECT CCC	RRENCE OF TOOL	FA				
	TASK 1	TYPE: R/A	CULHO MEDIA:	FREQUENCY: LO	1	CRITICALITY: HI	
r3.7.3.2.1		EXTRACT Compu _System_Status	ter_Culoges in _Dota			.er_Outages i_Status_Oata	1
*3.7.3.2.2		DETECT _Equipo	ent_Outogs_Alert		Eduibu	nerit_Outage_Alerit	1
73.7.3.2.3		EXTRACT _Equip	ment_Outage_Alerit		(quipa	nent_Outuge_Alert	1
73.7.3.3	RS.ERT TO	TOUC BACKUP PRO	CEDURES (TBD)				*********
	TASK 1	DET : 34Y	COORD MEDIA:	FREQUENCY: LO	1	CRITICALITY: HI	
13, 7, 3, 3, 1		TBU TBD*					
*3.7.3.4	VERIFY COM	PUTER ACTION DE	IRING TRANSITION STAGES				
	TASK	TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LC	A)	CRITICALITY: HI	
√3.7.3.4.1		Communication to	Initiating TCS G/G s *verification of cansfer, Ameridments, ntouts, track, and/or data				
73.7.3.5	RECEIVE CO	NEIRMATION CF	COMPUTER ACTION DURING TRANS	SITION STAGES			
	XZAT	TYPE: VC	COORD MEDIA: V/M	FREQUENCY: LO	M	CRITICALITY: HI	
T3.7.3.5.1		*verification	.1. Receiving ATC Moil of computer transmission g transition stage(s)*				
15.7.3.5.2		PERFORM TCS. Communication	Receiving TCS G/G s = #verification of smission of aata during				
3.7.4.1	DETECT COM	MUNICATION FAI	LURE	*- ***			
	TASK	TYPE: A/VC	COORD MEDIA: V	FREQUENCY: LO	M	CRITICALITY: MED	
73.7.4.1.1		PERFORM TOS, *communicatio	Receiving TCS Status n failure#				····
13.7.4.7.2		EXTRACT Voices in System	e_Communication_Line_Cutige Status_Data			_Gemmunacathon_ulne_Gutogys m_Status_Bata	:
13.7.4,1.3		C:TECT jEquip *Communicatio	went_Outage_Alert n foilure≠		Equip	ment_Cutage_Ale	1
13.7.4.1.4		EXTRACT_Equi	pment_Outage_Aler&		בתיp	ment_Outage_Alert	1
T\$,7,4,1,5,1		RECCONIZE abr Communication System_State	n_Channel_Assignments in n_Data			nicullan (Desinel Arsigements m_Status_Data	1

			Task Flem	ent Report		
		TASK STATEMEN	TS / DATA			NO 05
TASK NUMBER / ELEMENT NUMBER	₹	AND TASK ELEMENT	STATEMENTS		OBJECTS	NO. OF OBJECTS
3.7.4.1		MUNICATION FAIR				
	TASK `	TYPE: A/VC	CCORD MEDIA: V	FREQUENCY: LOW	CRITICALITY MED (Continued)	
ĭ3.7.4.1.6		RECOGNIZE abn		Rad	io Frequency tem	1 1 1
73.7.4.1.7			ormality occurrence during ssion and/or reception			
73.7.4.2	SWITCH TO	BACKUP RADIO/	FREQUENCY		*	
	TASK	TYPF: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
13,7,4,2,1			Aujusting TCS A/G *radio and/or frequency		···	
~3.7.4,3	RECEIVE NE	W FREQUENCY AS	SIGNMENT		***************************************	
	TASK	TYPE: R/VC	COCRO MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T3,7.+.3.1			1. Receiving ATC Mail y assignment*		······································	
73.7.4.3.2		PERFORM TCS, Communication assignment*	Reneiving TCS G/G is frequency			
73.7.4.3.3) Receiving TCS Status *new erotional status*			
73.7.4.4	ADJUST CUM	TUNICATION PAI	TH TO ACCOMMODATE FAILURE/ CV	ÆRLCAD		
	NZAT	TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRIFICALITY: MED	
73,7,4,4,1		TBC *employ o	available non-TCS ns. e.g., locul siai			
73,7,4,4,2		PERFORM TOS, Air-To-Ground	Communicating 1 Via TCS *employ alternate communications resources*			
13.7.4.4 5			Adjusting TCS A/G			
13 7.4.5	RECEIVE NO	TILE OF ALTERM	WITE COMMUNICATION PATH			
	TASK	TYPE: R/VC	CGORD MELIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
13.7.4.5.7		*notice of a	M.1. Receiving ATC Mail Iternate communication putim			
13,7,4,5,2		PERFORM TCS.	Receiving TCS G/G ns #notice of alternate			
13.7.4.5.3			Receiving TCS Status *new operational status*			
™3.7.4.5	FORWARD NO	OTICE OF COMMU	VICATION STATUS	· · · · · · · · · · · · · · · · · · ·		•••••
	TASK	TYPE: E/VC	M/V :AIC3F CRC90	FREQUENCY: LOW	CRITICALITY: MED	
73.7.4.5.1		PERFORM TEM /	n.2. Sending ATC Ma.i on status♥ D			

		Task Elem	ent Report		
TASK NUMBER	TASH STATEMEN / AND				NG. OF
ELEMENT NUMB		STATEMENTS		OBJECTS	OBJECTS
T3.7.4.6	FORWARD NOTICE OF COMMUN	ICATION STATUS			
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
T3.7.4.6.2		Initiating TCS G/G s *commication status*			
T3.7.4.6.3	PERFORM TCS.	Communicating Via TCS *communication			
T3.7.4.7	FORWARD NEW FREQUENCY AS	SIGNMENT			a
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T3.7.4.7.1	frequency ass				~~~~~~~~~~~
73.7.4.7.2		Initiating TCS G/G is *new frequency			
73.7.4.7.3	INDICATE new frequency	assignment of radio			
73.7.4.7.4	EXECUTE _Syst function	.em_Status_Data_Change	Sys	tem_Status_Cara_Change	1
73.7.4.8	FORWARD ALTERNATE COMMUN	ICATION PATH			
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRIMICALITY: MED	
73.7,4.3.1		1.2. Sending ATC Moil mmunication path*			
73.7.4.0.2	PERFORM TOS.	initiating TCS G/G is *olternate cummunication			
7 3 .7.5,1	RECEIVE NOTICE OF TRANS	IENT COMMUNICATION FAILURE	•		
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: COM	CRITICALITY: MED	
73.7.5.1.1	#notice of tr failure#	1,1, Receiving ATC Mail ransient communication	·		
13.7.5.1.2	Communication communication	Receiving TCS G/G ns *notice of transient n failure*			
75.7.5.1.3	41r-To-Ground	Communicating d Via TCS - Mnotice of nmunication failure			
*3.7.5.2	DETECT TRANSIENT COMMUN.	CATION FAILURE			
	TASK TYPE: A/VC	CCORD MEDIA: V	FREQUENCY: LOW	CPITICALITY: MED	
**************************************	Communication transmission	Initiating TCS G/G ns *experience a problem*			,
*3.7.5.2.2	PERFORM TCS, Communicatio problem≪	u Receiving *C5 G/G cis #experience a reception			

		Task Elem	ment Report		
TASK NUMBER /	TASK STATEMENT / AND				NO. OF
ELEMENT NUMBE		STATEMENTS		OBJECTS	OBJECTS
3.7.5.2	DETECT TRANSIENT COMMUNIC				,
	TASK TYPE: A/VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
T3.7.5.2.3	PERFORM TCS. Air-To-Ground	Communicating 1 Vig TCS *experience a or reception problem*		-	
T3,7,5.2,4	PERFORM TCS.	Receiving TCS Status			
T3.7.5.2.5		of unreliable n channel or frequency			
13.7,5.3	REQUEST COMMUNICATION CH	HECK FROM OTHER POSITION/ AL	RCRAFT/ AGENCY		
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
T3.7.5.3.1	Communication query*	Initiating TCS G/G ns *communications check			
T3.7,5.3.2	PERFORM TCS.	Communicating d Vig TCS *communications			
73.7.5.4	RECEIVE COMMUNICATION CH	HECK FROM OTHER POSITION/ AI	RCRAFT/ AGENCY		
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED	
T3.7,5.4.1	Communication response*	Receiving TCS G/G n.: *communications check			
*3.7.5.4.2	PERFORM TCS.	O Communicating d Via TCS *communications se*			
13.7.6.1	CESERVE FAILURE OF AIRPO	ORT EQUIPMENT	,	,	
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
↑3.7.5.1.1		rt equipment failure serve damage or faulty			
T3.7.6.1.2		act of dirport equipment raffic operations			
13.7.7.1	DETECT TOOC STAND-ALONE	MODE INDICATOR		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	******
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
73.7.7.1.1	DETECT _1000	Stand-Alone_Mode_Indicator	TCC	C_Stand-Alone_Mode_!ndicator	1
13,7.7.2	RECEIVE NOTICE OF TOOC S	STAND-ALONE MODE			
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
13.7.7.2 1	≠ TCCC stand-	M.1, Receiving ATC Moil calone mode of operations			
13.7.7.2.2		Receiving TCS G/S ons *TCCC stand-alone mode			

·				Tas	k Elemen	t Report			
TASK NUMBER . ELEMENT NUMBI	/ ER	TASK S		ATEMENTS			U.E	BUECTS	 NU. OF OBJECTS
T3.7.7.3	INFORM SUP	ERVISO		STAND- ALONE MODE					
	TASK	TYPE:	E/VC	COORD MEDIA: V/M	F	REQUENCY: LOW		CRITICALITY: MED	
13.7.7.3.1				, Sending ATC Mail stand-alone mode*					
13.7.7.3.2		Commu	RM TCS, I	nitiating TCS G/G *notice of TCCC e*					
T3.7.7.4	RECEIVE NO	TICE O	F ACF BACK	UP MODE		~~~=b~ 4 ~=~~~			
	TASK	TYPE:	R/VC	COORD MEDIA: V/M	F	REQUENCY: LOW		CRITICALITY: MED	
T3.7.7.4.1		PERFO	RM TEM M.1	, Receiving ATC Mai e of operation*					
73.7.7.4.2		PERFO Commu opero	RM TCS. R nicotions	eceiving TCS G/G *ACF backup mode of	f				
T3.7.7.5	REVERT TO	ACCC B	ACKUP PROC	EDURES (TBD)					
	TASK	TYPE:	TBD	COORD MEDIA:	F	REQUENCY: LOW		CRITICALITY: MED	
T3.7.7.5.1		TBD							
T3.7.7.6	REVERT TO	ACCC D	EGRADED PR	ROCEDURES (TBD)					
	TASK	TYPE:	TBD	COORD MEDIA:	F	REQUENCY: LOW		CRITICALITY: MED	
T3.7.7.6.1		TED T	8D*						
Т3.7.7.7	REVERT TO	TCCC 3	TAND-ALONE	MODE PROCEDURES (18	8D)				 ~~~~~~~
	rask.	TYPE:	TBD	COORD MEDIA:	F	REQUENCY: LOW	i	CRITICALITY: MED	
T3.7.7.7.1		TED							

APPENDIX F

TRACEABILITY TABLES

Traceability of ATCT/TCCC controller tasks to functional requirements of the System Level Specification [21] shows that functionality exists to support the task. Voice communication tasks, direct observation tasks, and purely mental/analytical tasks will not trace to any SLS requirement; only tasks involving receipt or entry of Tower Position Console information can be traced.

The task to SLS requirement traceability tables in this appendix each contain five columns of information:

Task Number

Task Statement

AAS SLS Paragraph Number

AAS SLS Requirement extracting the pertinent SLS text

Page Number of the requirement location in the SLS [21].

Following the presentation of all tasks for a position, there is a tist of "orphan" tasks. These are the tasks not containing any reference to an SLS paragraph. All of these orphan tasks should be of an Analytical or Voice Communication task type (per Appendix D Task Information Requirements), or a receipt task involving direct observation of an event or situation.

NOTE: Due to the extensive revision of the data in this Appendix, black lines (side bars) in the margins to indicate substantive changes (see Foreword) from the original volume have not been used.

Task Number	Task Statement	Parayraph Number	Requirement	Page No.
T1.1.1.2	RECEIVE POSITION REPORT RELAYED FROM OTHER CONTROLLER	\$.7.2.1. 3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capebility to communicate via electronic media.	435
T1.1,1,4	FORWARD POSITION REPORT TO OTHER CONTROLLER	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3. ⁷ -01	The TCCC shall provide the capability to communicate via electronic media.	439
T1.1.1.5	SEARCH ASDE FOR SPECIFIC AIRCRAFT/ VEHICLE LOCATION	3.2.2.2-00	TCCC PHYSICAL CHARACTERISTICS	19/
		3.2.2.2.6-00	EQUIPMENT LAYGUT	195
		3.2.7 2.6-83	The TCCC equipment layout design shall also ergonomically accommodate a wide variety of other ATCT equipment integrated into the tower cab including Airport Surface Detection Equipment, inter/intra facility voice and air/ground communications equipment and light guns.	19
T1.1.1.9	SEARCH SITUATION DISPLAY FOR TARGET	3.7.2.2.1.1.1-00	SITUATION DISPLAY	46
T1.1.2.1	REVIEW SITUATION DISPLAY FOR POTENTIAL VIOLATION OF SEPARATION STANDARDS	3.7.2.2.1.1.1-00	SITUATION DISPLAY	44
T1.1.2.2	REVIEW FLICHT DATA DISPLAY FOR PRESENT AND/ OR FUTURE AIRCRAFT SEPARATION	3.7.2.2.1,1.2-00	FLIGHT DATA DISPLAY	45
T1.1.2.4	PROJECT MENTALLY AN AIRCRAFT'S FUTURE POSITION/ ALTITUDE/ PATH	3.7.2.2.1.1.1-00	SITUATION DISPLAY	44
		3.7.2.2.1.1.2-ซีซี	FLAGHT DATA OLSMAY	£ 5
T1.1.2.5	READ OUT VERTICAL VELOCITY TO ASSESS POTENTIVE CONFLICT	3 7.2.2.1.2.1-00	TRACK COMTROL	47
		3.7.2.2.1.2.1-47	p. Vertical Velocity Readout: Flight Identification.	47
		3.7.2.2.1.7.1-48	p. Vertical Velocity Readout: This message shall provide the means for the controller to display the veriteal velocity of an aircraft.	-7
		5.7.2.2.1.2.1-40	p. Vertical Velocity Readoud: This readout shall be terminated by controller command or after an adaptable time.	47
) i 1.2.6	DESERVE TRACK VELOCITY/ DISTANCE VECTOR TO PROJECT AIRCRAFT MOVEMENT	3.7.2.2.1.1.1-88	SITUATION DISPLAY	44



Task Number	Task Statement	Peragraph Number	Requirement	Pag No
	DBSERVE TRACK VELOCITY/ DISTANCE VECTOR TO PROJECT ATRICKHET MOVEMENT	3.7.2.2. 1.1.4-88	TRACK VECTOR	40
		3.7.2.2.1.1.1.4-82	The velocity vector shall start at the track position symbol and its length shall correspond to the distance the circraft will travel in a controller selectable number of minutes from zero (0) up to an adaptable maximum value.	44
		3.7.2.2.1.1.1.4-03	The distance vector shall start at the track position symbol and its length shall correspond to a controller-selectable number of miles along the projected heading.	4.
		3.7.2.2.1,1.1.4-85	An indication shall be provided to distinguish between the two types of track vectors.	4
1.1.2.7	REQUEST RANGE/ BEARING/ TIME MESSAGE WITH OPTIONS	3.7.2.2.1,2,1-00	distinguish between the two types of track vectors. TRACK CONTROL	
		3.7.2.2.1.2.1-50	<pre>q. Fix/Time Reacout: Flight Identification, Fix, (Time).</pre>	4
		3.7.2.2.1.2.1-51	q. Fix/Time Readout: This message shall provide the means for the controller to display the speed adjustment necessary to position the designated aircraft over the designated fix at the specified time.	4
		3.7.2.2.1.2.1-52	q. Fix/Time Readout: This readout shall be terminated by controller command or after an adaptable time.	,
		3.7.2.2.1.2.1-53	r. Range/Bearing Readout: First Point Identifier or Flight Identification, Second Point Identifier, (Speed), (Magnetic/True Bearing).	
		3.7.2.2.1.2.1-54	n. Renge/Rearing Readout: This message shall provide the means for the controller to display the distance and bearing either magnetic or true between two Cursor Positioning/Selection Device (CPSD) selected points or between the truck position of the designated flight identification (See 56.3).	
		3.7.2.2.1.2.1-55	r. Range/bearing Readout: If the first point is associated with a track or if a flight identification is entired, the ground speed and the flying time to the second point shall be displayed in addition to the distance and bearing to the first point.	
		3.7.3.2.1.2.1 %6	r. Range/Bearing Readout: If a speed is input with the message, this speed shall be displayed and the flying time between the two designated points shall be calculated and displayed based on this speed.	4

Task Number	Fask Stalement	Paragraph Number	Requirement	Page No.
	REQUEST RANGE/ BEARING/ TIME MESSAGE WITH OPTIONS	3.7.2.2.1.2.1-57	r. Range/Bearing Readout: This readout shall be terminated by controller command or after an adaptable time.	475
		3.7.2,2,1,2.1-58	s. Rungs/Bearing/Fix Readout: Point (dentifier or Flight Identification, Adopted Fix, (Speed), (Magnetic/True Bearing).	475
		3.7.2.2.1.2.1-59	s. Range/Bearing/Fix Readout: This message shall provide the means for the controller to display the distance and bearing either magnetic or true between a CPSD selected point or track position of the designated flight identification and a designated adapted fix.	475
		3,7,2,2,1,2,1-60	s. Ronge/Bearing/Fix Readout: If the first point is associated with a track or if a flight identification is entered, the ground speed and the flying time to the designated adapted fix shall be displayed in addition to the distance and bearing to the designated adapted fix.	475
		3.7.2.2.1.2.1-61	s. Range/Bearing/Fix Readout: If a speed is input with the message, this speed shall be displayed and the flying time to the designated adapted fix shall be colculated and displayed based on this speed.	475
		3.7.2.2.1.2.1-62	s. Ronge/Bearing/Fix Readout: This readout shall be terminated by controller command or after an adaptable time.	475
T1.1.2.8	SUPPRESS CONTINUOUS RANGE READOUT	3.7.2.2.1.2.1-80	TRACK CONTROL	471
		3.7.2.2,1.2.1-63	t. Continuous Range Readout: Flight Identification(s), (Point Identifier).	476
		3.7.2.2.1.2.1-65	t. Continuous Range Readout: The mileage shall be updated and displayed at an adapted rate until the controller suppresses it.	476
T1.1.2.9	FORCE/ QUICK LUCK FULL DATA BLOCK TO EXAMINE FLIGHT AND TRACK INFORMATION	3.7.2.2.1.1.1-00	SITUATION DISPLAY	442
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2.1.1.1.3-42	The capability shall be provided to force the display of Full Data Blocks at a position under specified conditions, overriding all display control functions.	447
		3.7.2.2.1.1.1.3-45	All adapted FDB format shall be displayed as a result of hundaff or pointbut which has been initiated, or from a quick look action.	447
		3.7.2.2.1.2.1-00	TRACK CONTROL	471
		3.7.2.2.1.2.1-13	e. Force Data Block: Flight Identification.	472

Task Number	Task Statement	Paragraph Number	Requirement	Pa N
Tusk Hulliget	rusk Succement	r or ograph Hamber	Kedati sinent	+"
[1.1.2.9 (cont'd)	FORCE/ QUICK LOOK FU'LL DATA BLOCK TO EXAMINE FLIGHT AND TRACK INFORMATION	3.7.2.2.1.2.1-14	e. Force Data Block: This message shall be used to cause or remove the forcing of the display of a full Data Block for an individual circust on a Situation Display.	4
		3.7.2.2.1.2.1-37	1. Quick Look: (Sector Numbers).	4
		3.7.2.2.1,2.1-38	1. Quick Look: This message shall provide the means for the controller to display Full Data Blocks for aircraft in the position's geographic area of concern that are eligible for display as Full Data Blocks at another position or positions in the TCCC or in the parent ACCC.	4
		3.7.2.2.1.2.1-39	 Quick Look: This quick look shall be terminated by controller command or in an adoptable time. 	۷
Γ1.1.2.11	REQUEST CONTINUOUS RANGE READOUT	3.7.2.2.1.2.1-00	TRACK CONTROL	,
		3.7.2.2.1.2.1-63	t. Continuous Range Readout: Flight Identification(s), (Point Taentifier).	
		3.7.2.2.1.2.1-64	t. Continuous Range Readout: This message shall provide the means for the controller to display the distance in miles between two aircraft or between an aircraft and a designated point.	
Τ1.1.3.1	DETECT EQUIPMENT STATUS ALERT	3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	
	;	3.7.2.2.1.1.3-13	a.4. Critical Data shall include: Alert information such as wind shear alerts, RVR alerts, critical computer and instrument outages.	
		3.7.2.2.1.1.4-00	ALERT AND RESOLUTION DISPLAY	
		3.7.2.2.1.1.4-89	Equipment outoges and repairs shall be displayed in the Alert Display to the controller for his acknowledgement.	
T1.1.3.2	ACKNOWLEDGE ENVIRONMENTAL/ SYSTEM STATUS ALERT	3.7.2.2.1.1.1-00	SITUATION DISPLAY	
		3.7.2.2.1.1.1.8-00	GRAPHIC WEATHER FROM REAL TIME WEATHER PROCESSOR (RWP)	
		3.7.2.2.1.1.1.8-03	Hazardous weather alerts shall be coded to drow immediate attention and shall remain in effect until acknowledged by the controller.	
		3 7.2.2.1.1.4-00	ALERT AND RESOLUTION DISPLAY	
		3.7.2.2.1.1.4-07	Aeronautical and meteorological alerts, such as SIGMETs and AIRMETs and argent PIREPs shall be displayed in the Alert Display for controller acknowledgement.	

Task Number	Task Statement	Paragraph Number	Requirament	Page No.
T1.1.3.2 (cont'd)	ACKNOWLEDGE ENVIRONMENTAL/ SYSTEM STATUS ALERT	3.7.2.2.1.1.4-08	The controller shall be able to suppress the alert from the display or save it in the Alert Display.	465
		3.7.2.2.1.1.4-09	Equipment outages and repairs shall be displayed in the Alert Display to the controller for his acknowledgement.	465
		3.7.2.2.1.1.4-19	The controller shall be able to suppress the glert from the display or save it in the Alert Display for his quick reference.	465
T1.1.3.3	DETECT AERONAUTICAL AND METEOROLOGICAL ALERT	3.7.2.2.1.1.4-80	ALERT AND RESOLUTION DISPLAY	465
		3.7.2.2.1.1.4-07	Aeronautical and meteorological alerts, such as SIGMETs and AIRMETs and urgent PIREPs shall be displayed in the Alert Display for controller acknowledgement.	465
T1,1.3.4	OBSERVE DISPLAY OF NEW/ CHANGED SYSTEM STATUS DATA	3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	458
		5.7.2.2.1.1.3-83	Data for this display are summarized in Tables 3.7-11 A. B, and C (A&M Data, Airport Environmental Data, System Status Data).	458
		3.7.2.2.1.1.3-Ø6	All displayed information shall be updated automatically when changes are reported.	459
		3.7.2.2.1.1.3- <i>0</i> 9	 a. Critical Data - The critical data page shall contain all data critical to a tower's operation. 	459
		3.7.2.2.1.1,3-22	b. Outage Summary - The outage summary page shall contain present outages on all equipment included in the system.	459
		3.7.2.2.1.1.3-24	c. Runway, Approach, and Taxiway Lights Page - This page shall contain the status of all approach, runway and taxiway lights as are available at the airport.	459
		3.7.2.2.1.1.3-26	e. VASI Status Page - The VASI Status page shall contain the status of all Visual Approach Slape Indicators at the airport.	460
		3.7.2.2.1.1.3-27	f. ILS/MLS Monitor Page - The ILS/MLS monitor page shall contain the status of all ILS and/or MLS equipment at the airport.	4618
T1,1.3.5	OBSERVE DISPLAY OF NEW/ CHANGED AERONAUTICAL AND METEOROLOGICAL DATA	3.7.2.2.1.1,3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	458
		3.7.2.2.1.1.3-03	Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	458
		3.7.2.2.1.1.3-06	All displayed information shall be updated outomotically when changes are reported.	459



Task Number	Task Statement	Paregraph Number	Requirement	Poge No.
T1.1.3.5 (cont'd)	OBSERVE DISPLAY OF NEW/ CHANGED AERONAUTICAL AND METEOROLOGICAL DATA	3.7.2.2.1.1.3-16	a.9. Critical Data shall include: One meteorological message chosen by the controller.	459
		3.7.2.2.1.1.3-29	h. Aeronautical and Meteorological (A&M) Data Page - The A&M Data page shall contain aeronautical and meteorological information that may be of interest to the controller.	460
		5.7.2.2.1.1.3-32	j. AWOS/ASOS Data Paje - The AWOS/ASOS Nata page shall contain AWOS/ASOS information that may be of interest to the controller.	461)
11.1.3.6	OBSERVL DISPLAY OF NEW/ CHANGED AIRPORT ENVIRONMENTAL DATA	3.7,2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	458
		3.7.2.2.1.1.3-05	Data for this display are summorized in Tobles 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	458
		3.7.2.2.1.1.3- 0 6	All displayed information shall be updated automatically when changes are reported.	559
		3.7.2.2.1.1.3-1ช	a.?. Critical Data shall include: Altimeter Setting.	459
		3.7.2.2.1.1.3-12	a.3. Critical Data shall include: Center-field wind direction, velocity, and gusts.	459
		3.7.2.2.1.1.3-14	a.5. Critical Data shall include: Runway visua) range visibility figures for up to 3 RVR's per runway for each of up to five runways and the RVR thresholds for each of the RVR's.	455
		3.7.2.2.1.1.3-16	a.7. Critical Data shall include: Low level wind shear boundary locations, velocity and direction.	459
		3.7.2.2.1.1.3-25	d. RVR Status Page - The RVR Status page shall contain the RVR data for all runways on the airport as opposed to just the runways shown on the critical data page.	461
		3.7.2.2.1 1.3-28	g. LLWAS Status Page - The LLWAS status page shall contain the boundary winds from the Low Level Wind Shear Alert System for all runways.	46
71. 1.3. 7	RECEIVE NOTICE OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	5.7.2.1.3.7-86	ATC MAIL	435
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T1.1, 3. 8	ENTER SYSTEM ENV'RONMENTAL AND STATUS DATA CHANGE MESSAGE	3.7.2.2.1 2.3-60	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	48

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
				†
1.1.3.8 cont'd)	ENTER SYSTEM ENVIRONMENTAL AND STATUS DATA CHANGE MESSAGE	3.7.2.2.1.2.3-d1	The following messages shall be provided in the TCCC:	48
		5.7.2.2.1.2.3-02	a. RVR Alarm Threshold Specification; The TCCC shall provide the capability to specify on alarm RVR threshold for each of the three RVRs for each runway assigned to that position.	48
		3.7.2.2.1.2.3-04	 b. A&M Data Amendment: A&M Data Type, (Station, Location or Area Identifier), (Altitude Limits), Text. 	48
		3.7.2.2.1.2.3-05	b. A&M Data Amendment: This message shall be used to modify the data stored in the Aeronautical and Meteorological data base.	48
		3.7.2.2.1,2.3-22	f. System Status Data Changes: The controller shall be uble to change the System Status Data that are listed in Table 3.7-11C.	48
		3.7.2.2.1.2.3-23	f. System Status Data Changes: These messages shall change the text stored for the various categories of data but not affect the processing of any functions.	4
		3.7.2.2.1.2.3-24	f. System Status Data Changes: Currently displayed data and subsequent requests for information shall reflect the new or additional information.	4
1.1, 3. 9	INFORM OTHERS OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	3.7.2.1.3.7-60	ATC MAIL	,
		3.7.2.1.3.7-Ø1	The TCCC shall provide the capability to communicate via electronic media.	
1.1.3.10	DETECT AIRPORT ENVIKONMENTAL DATA ALERT	3.7.2.1.3.6.1-00	ENVIRONMENTAL DATA ACCEPTANCE AND MAINTENANCE	
		3.7.2.1.3,6.1- 5 1	The TCCC shall provide interfaces with the airport equipment specified in Section 10, Table 10.2-1 and shall accept and maintain the operational, alarm, and status data received from equipment systems.	
		3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	
		3.7.2.2.1.1.3-13	a.4. Critical Data shall include: Alert information such as wind shear alerts, RVR alerts, critical computer and instrument outages.	
71.1.4.1	OFFSET A DATA BLOCK	3.7.2.2.1.1.1-00	SITUATION DISPLAY	
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBULCGY	
		3.7.2.2.1.1.1.3-47	A leader shall be displayed from the track position symbol to the Callsign in the displayed Full Data Biock.	

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
102K MOUNDEL	Idak Stutement	rui ogi apri Namoei	regazi elletto	-
[1.1.4.1 (cont*d)	OFFSET A DATA BLOCK	3.7.2.2.1,1.1.3-48	The direction and length of the leader for each auto block shall be determined by one of two controller-selectable ways, automatic or manual data block offset.	44
		3.7.2.2.1.1.1.3-51	The controller shall be able to override automatic affsetting for the whole display or for each Full Data Block individually.	4
		3.7.2.2.1.1.1.3-52	The controller shall then be oble to adjust the leader length and the leader direction of each Full Data Block manually.	4
		3.7.2.2.1.1.1.3-53	Leader length and direction shall be separately adjustable for LDBs, FDBs, and PDBs.	4
		3.7.2.2.1.1.1.3-58	The leader shall be displayed from the track position symbol to the top line in the PDB.	
	3.7.2.2.1.1.1.3-59	The length and direction shall be initially set in adaptation and be controller adjustable.		
	3.7.2.2.1.1.1.3-64	The leader shall be disployed from the turget symbol to the top line in the LDB.		
		3.7.2.2.1.1.1.3-66	The length and direction shall be initially set in adoptation and be controller adjustable.	
1.1.4.2	DELETE FDB/ FDE FROM ATC SYSTEM	3.7.2.2.1.1~80	DISPLAYED DATA	
		3.7.2.2.1.1-87	The time of day in hours, minutes and seconds shall be displayed at all TCCC Position Consoles on a physical display at adapted positions.	
		3.7.2.2.1.1-ds	The controller shall be able to alter the position for the display of time.	
		3.7.2.2.1.1.1.3-80	TARGET AND TRACK DATA AND SYMBOLOGY	
	3 7.2.2	3 7.2.2.1.1.1.3-54	The controller shall be able to adjust the intensity of the data block display by type.	
		3.7.2.2.3.1-00	GENERAL DISPLAY REQUIREMENTS	
		3.7.2.2.3.1.1-00	SYMBOL GENERATION	
		3.7.2.2.3.1.1-03	The Console shall provide for operator selection of symbol sizes.	١
F1.1.4.3	ENTER CONTROLLER NOTE	3.7.2.2.1.1.1.12-00	GEOGRAPHIC TAGGING	
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Task Number	Task Statement	Paragroph Number	Requirement	Page No.
T1.1.4.3 (cont'd)	ENTER CONTROLLER NOTE	3.7.2.2.1.1.1.12-02	The capability shall be provided for the controller to enter a string of alphanumerics starting at any geographic point designated by the CPSD or controller entered fix.	450
		3.7.2.2.1.1.10-00	CONTROLLER NOTEPAD DISPLAY	470
		3.7.2.2.1.1.10-01	This logical display shall contain controller-entered free-form text notes which have no 'semantic level' meaning to the system, but rather are treated as a string of undifferentiated characters.	470
T1.1.4.4	DELETE CONTROLLER NOTE	3.7.2.2.1.1.1-00	SITUATION DISPLAY	442
		3.7.2.2.1.1.1.12-00	GEOGRAPHIC TAGGING	450
		3.7.2.2.1.1.1.12-02	The capability shall be provided for the controller to enter a string of alphanumerics starting at any geographic point designated by the CPSD or controller entered fix.	450
		3.7.2.2.1.1.1.12-03	These alphanumeric symbols and graphics shall be retained in the logical display until removed by controller and shall be displayed automatically whenever these points and graphics are in range of the physical display area.	450
		3.7.2.2.1.1.10-00	CONTROLLER NOTEPAU DISPLAY	470
		3.7.2.2.1.1.10-01	This logical display shall contain controller-entered free-form text notes which have no 'semantic level' meaning to the system, but rother are treated as a string of undifferentiated characters.	470
		3.7.2.2.1.1.10-04	These notes shall only be displayed at the entering position and shall remain in the logical display until the controller takes un action to delete them.	471
T1.1.4.5	SUPPRESS DATA BLOCK FROM DISPLAY	3.7.2.2.1.1.1-00	SITUATION DISPLAY	442
		3.7.2.2.1.1,1,3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2.1.1,1,3-43	The controller shall have the capability to suppress the display of individual FDBs and restore the display of a suppressed FDB.	447
		3.7.2.2.1.1.1.3-62	The Situation Display shall include Limited Data Blocks for all tracks which pass a controller specified filter and which do not have an associated Full Data Block or Partial Data Block.	448
T1.1.4.6	RESTORE DATA BLOCK TO DISPLAY	3.7.2.2.1.1.1-00	SITUATION DISPLAY	442
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	445
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Task Number	Task Statement	Paragraph Number	Requirement	Page No.
1025 (40)(106)	rusk Studenierio	r er ogr apri riamber	requirement	-
[1.1.4.6 (cont'd)	RESTORE DATA BLOCK TO DISPLAY	3.7.2.2.1.1.1.3-43	The controller shall have the capability to suppress the display of individual FDBs and restore the display of a suppressed FDB.	44)
		3.7.2.2.1.1.1.3-62	The Situation Display shall include Limited Data Blocks for all tracks which pass a controller specified filter and which do not have an associated Full Data Block or Partial Data Block.	44
T1.1.4.7	SUPPRESS FOE FROM DISPLAY	3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	45
		3.7.2.2.1.1.2-09	The capability shall be provided for the controller to suppress and restore the display of each FDE at each position.	45
T1.1.4.8	RESTORE FDE TO DISPLAY	3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	45
		3.7.2.2.1.1.2-09	The capability shall be provided for the controller to suppress and restore the display of each FDE at each position.	45
T1.1.4.9	ENTER FDE NOTATIONS	3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	45
		3.7.2.2.1.1.2-18	The capability shall be provided to display/delete FDE notations (FDENs) in specified fields of FDEs.	45
		3.7.2.2.1.1.2~22	In addition, the capability shall be provided for the controller to display any FDEN through controller FDEN entry.	45
		3.7.2.2.1.1.2-42	e. FDENs associated with the destination field shall uniquely denote rodar vector heading and/or direct route clearances.	45
		3.7.2.2.1.1.2-43	e. These FDENs shall be displayed upon controller FDEN entry.	45
		3.7.2.2.1.1.2-46	f. FDENs associated with the departure fix/courdination fix snall uniquely genote altitude, heading, turn instructions, and/or alternate fix included in the clearance associated with the fix.	45
		3.7.2.2.1.1.2-47	f. These FDENs snall be displayed upon controller FDEN entry.	45
		3.7.2.2.1.1.2-50	g. FDEN(s) indicating an altitude restriction(s) shall be generated when the controller inputs an altitude restriction message and shall be displayed at the entering position, other tower positions and to the ACCC upon transfer of control.	4
		3.7.2.2.1.1.2-52	g. An FDEN indicating that the assigned altitude is inappropriate for the direction of flight shall be automatically generated and displayed.	4

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Task Number	Task Statement	Paragraph Number	Requirement	No.
T1.1.4.9 (cont'd)	ENTER FDE NOTATIONS	3.7.2.2.1.1.2-53	g. Upon controller FDEN entry, this FDEN shall denote that the wrong altitude for direction of flight has been coordinated with the ACF.	453
		3.7.2.2.1.1.2-54	h. FDENs shall indicate a record(s) of clearances and instructions which has been delivered.	453
		3.7.2.2.1.1.2-57	h. These FDENs shall be displayed upon controller FOEN entry.	453
		3.7.2,2.1.1.2-58	 FDENs shall indicate coordination of information/instructions between the controller and pilot. 	453
		3.7.2.2.1.1.2-59	i. These FDEN shall be generated upon controller FDEN entry.	453
		3.7.2.2.1.1.2-60	j. An FDEN shall denote a controller assigned speed restriction.	453
		3.7.2.2.1.1.2-61	j. This FDEN shall be generated upon controller FDEN entry and shall be automatically transferred to the ACCC upon transfer of control.	453
		3.7.2,2.1.1.2-62	k. An FDEN shall indicate that a VFR aircraft has been issued a holding clearance and shall include at the controller's option, the holding instructions.	45
		3.7.2.2.1.1.2-63	k. This FDEN shall be displayed and subsequently deleted upon controller FDEN entry.	45:
		3.7.2.2.1.1.2-64	 An FDEN shall indicate to the controller that future action is required with respect to the field tagged with this FDEN. 	45
		3.7.2.2.1.1.2-65	1. This FDEN shall be displayed upon controller FDEN entry.	45
		3.7.2.2.1.1.2-66	m. An FDEN shall denote that a flight has been changed to the next frequency and shall include at the controller's option, the new frequency and the frequency time change.	45
		3.7.2.2.1.1.2-67	m. This FDEN shall be displayed upon controller FDEN entry.	45
		3.7.2.2.1.1.2-68	n. An FDEN shall deriate the change of an IFR flight plan to VFR.	45
		3.7.2.2.1.1.2-69	n. This FDEN shall be displayed upon controller FDEN entry.	45
		5.7.2.2.1,1,2-79	q. FDENs indirating that radar contact has been lost or radar service has been terminated shall be displayed upon controller FDEN entry.	45

Task Number	Task Statement	Paragraph Number	Requirement	Pcg No
T1.1.4.9 (cont'd)	ENTER FOE NOTATIONS	3.7.2.2.1.1.2-80	r. FDENs shall uniquely indicate that VFR flight following, Stage II, TCA, TRSA, or ARSA service is being provided to an aircraft.	45
		3.7.2.2.1.1.2-81	r. These FDENs shall be displayed upon controller FDEN entry.	45
		3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	47
		3.7.2.2.1.2.2-35	o. Runway Assignment: Flight Identification, Runway.	47
		3.7.2.2.1.2.2-36	o. Punway Assignment: This message shall be used to assign or reassign a runway to an aircraft.	47
		3.7.2.2.1.2.2-47	u. Missed Approach: Flight Identification, (Position).	41
		3.7.2.2.1.2.2-48	u. Missed Approach: This message shall be used to give control of an arrival flight to an adapted approach control position.	41
		3.7.2.2.1.2.2-52	w. Altitude Restriction Message: Flight Identification, (Restriction(s)).	4
		3.7.2.2.1.2.2-53	w. Altitude Restriction Message: This message shall be used to enter or cancel an altitude restriction(s).	4
		3.7.2.2.1.2.2-54	w. Altitude Restriction Message: This message shall be used for processing controller reminders and for the display of FDENs.	4
T1.1.4.18	DELETE FOE NOTATIONS	3.7.2.2.1.1.2-อัฮ	FLIGHT DATA DISPLAY	4
		3.7.2.2.1,1,2-18	The cupability shall be provided to display/delete FDE notations (FDENs) in specified fields of FDEs.	
		3.7.2.2.1.1.2-25	FDENs shall be automatically deleted when the condition which generated the FDEN no longer exists, or upon controller deletion.	
		3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	4
		3.7,2.2.1,2.2-53	w. Altitude Restriction Message: This message shall be used to enter or cancel an altitude restriction(s).	
T1.1.4.12	SELECT FDE SORTING PRIORITY	3.7.2.2.1.1.2.2-00	ARRIVAL LIST	
		3.7.2.2.1.1.2.2-10	b. Ordering - The controller shall have the capability to prioritize the sort factors and to choose an ascending or descending sort order.	

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Tusk Number	Task Statement	Paragroph Number	Requirement	Page No.
T1.1.4.12 (cont'd)	SELECT FDE SORTING PRIORITY SCHEME	3.7.2.2.1.1.2.3-00	DEPARTURE LIST	457
		3.7.2.2.1.1.2.3-11	5. Ordering - The controller shall have the capability to prioritize the sort factors and to choose an ascending or descending sort order.	457
		3.7.2.2.1.1.2.4-00	CLEARANCE PENDING LIST	456
		3.7.2.2.1.1.2.4-04	The controller shall have the capability to prioritize the sort factors and to choose an ascending or descending sort order.	458
		3.7.2.2.1.1.2.5-00	STANDBY LIST	458
		3.7.2.2,1.1,2.5-02	This list shall have the same requirements for formatting and ordering as the Clearance Pending List.	458
		3.7.2.2.1.1.2.6-00	OVERFLIGHT LIST	458
		3.7.2.2.1.1.2.6-06	 b. Ordering - The list shall have the some requirements for ordering as the Departure List. 	458
T7.1.4.13	RESEQUENCE FDE MANUALLY	3.7.2.2.1.1.2.2-00	ARRIVAL LIST	457
		3.7.2.2.1.1.2.2-11	b. Ordering - In manual ordering, the controller shall have the capability to put a new FDE in the appropriate place in a list and to move FDEs with respect to one another.	457
		3.7.2.2.1.1.2.3-00	DEPARTURE LIST	457
		3.7.2.2.1.1.2.3-08	b. Ordering - Flight Data Entries shall be ordered either automatically or manually under controller command.	457
		3.7.2.2.1.1.2.3-12	b. Ordering - In manual ordering, the controller shall have the capability to put a new FDE in the appropriate place in a sublist and to move FDEs with respect to one another.	457
		3.7.2.2.1.1.2.4-00	CLEARANCE PENDING LIST	458
		3.7.2.2.1.1.2.4-05	In manual ordering, the controller shall have the capability to put a new FDE in a list and to move FDEs with respect to one another.	458
		3.7.2.2.1.1.2.5-00	STANOBY LIST	458
		3.7.2.2.1.1.2.5-02	This list shall have the sume requirements for formatting and ordering as the Clearance Pending List.	458
		3.7.2.2.1.1.2.6-00	OVERFLIGHT LIST	458
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1.1.4.13 cont*d)	RESEQUENCE FDE MANUALLY	3.7.2.2.1.1.2.6-86	 b. Ordering - The list shall have the same requirements for ordering as the Departure List. 	45
1.1.4.14	INHIBIT AUTOMATIC HANDOFF FOR TRACK(S)	3.7.1.1.3.2.8.2-00	HANDOFF OF CONTROLLED TRACKS	27
		3.7.1.1.3.2.8.2-15	It shall be possible to inhibit the automatic handoff initiation capability by controller action or through adaptation for all tracks entering a designated sector or facility, or for all tracks exiting a designated sector or facility.	2
		3.7.1.1.3.2.8,2-16	The controller shall also be able to inhibit automatic handoff initiation on a designated track.	2
		3.7.2.1.3.3-00	HANDOFF OF CONTROLLED TRACKS	4
		3.7.2.1.3.3-01	The TCCC shall accommodate automatic and manual hundoff of controlled tracks in accordance with paragraph 3.7.1.1.3.2.8.	4
		3.7.2.2.1.2.1-00	TRACK CONTROL	4
		3.7.2.2.1.2.1-11	d. Enable/Inhibit Automatic Handoff. (Flight Identification), (Position or Facility).	4
		3.7.2.2.1.2.1-12	d. Enable/Inhibit Automatic Handoff: This message shall provide the capability for enabling or inhibiting the automate modeff initiation function for the entering position for a specified aircraft or a flights to be handed off to a specific position or facility.	۷
1.1.4.15	RESTORE AUTOMATIC HANDOFF FOR TRACK(S)	3,7.2.2.1.2.1-66	TRACK CONTROL	4
		3.7.2.2.1.2.1-11	d. Enable/Inhibit Automatic Handoff: (Flight Identification), (Position or Facility).	4
		3.7.2.2.1.2.1-12	d. Enable/Inhibit Automatic Handoff: This message shall provide the capability for enabling or inhibiting the automatic handoff initiation function for the entering position for a specified aircraft or for all flights to be handed off to a specified position or facility.	4
1.1.4.16	INHIBIT AUTOMATIC POINTOUT	3.7.2.2.1.2.1-00	TRACK CONTROL	1
		3.7.2.2.1.2.1-17	<pre>g. Enable/Inhibit Automatic Pointout: (Flight Identification), (Sector or Facility).</pre>	
		3.7.2.2.1.2.1-18	g. Enable/Inhibit Automatic Pointcut: This message shall be used to inhibit or enable automatic initiation of pointaut originating from this sector, for a specified aircraft or for all flights approaching a specified sector or facility.	,

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T1.1.4.17	RESTORE AUTOMATIC POINTOUT	3.7.2.2.1.2.1-00	TRACK CONTROL	471
		3.7.2.2.1.2.1-17	g. Enable/Inhibit Automatic Pointout: (Flight Identification), (Sector or Facility).	472
		3.7.2 2.1.2.1-18	g. Enable/Inhibit Automatic Pointout: This message shall be used to inhibit or enable automatic initiation of pointout originating from this sector, for a specified aircraft or for all flights approaching a specified sector or facility.	472
T1.1.4.18	REQUEST FDE FROM ANOTHER POSITION/ FACILITY	3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	476
		3.7.2.2.1.2.2-27	k. Request FDE(s): (Sector Number/Facility or Position Identifier), (Posting List Header), (Flight Identification(s)).	478
		3.7.2.2.1.2.2-28	k. Request FDE(s): This message shall enable the controller to request one or more FDEs from another facility/sector within the parent ACCC and from another position within the TCCC.	478
		3.7.2.2.1.2.2-29	k. Request FDE(s): These FDEs shall be displayed in the Flight Data Area at the requesting position.	478
T1.1.4.19	UPDATE/REVISE CONTROLLER NOTE	3.7.2.2.1.1.1-08	SITUATION DISPLAY	442
		3.7.2.2.1.1.1.12806	GEOGRAPHIC TAGGING	450
		3.7.2.2.1.1.1.12-02	The capability shall be provided for the controller to enter a string of alphanumerics starting at any geographic point designated by the CPSD or controller entered fix.	450
Į		3.7.2.2.1.1.10-00	CONTROLLER NOTEPAD DISPLAY	478
		3.7.2.2.1.1.10-01	This logical display shall contain controller-entered free-form text notes which have no 'semantic level' meaning to the system, but rather are treated as a string of undifferentiated characters.	478
		3.7.2.2.1.1.10-02	The capability shall be provided to quickly and easily edit or modify the contents of these notes.	47(
T1.2.1.1	RECEIVE NOTICE OF PUTENTIAL AIRCRAFT/ VEHICLE CONFLICT AT THIS POSITION	3.7.2.1.3.7-88	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43:
T1.2.1.2	DETECT AIRCRAFT CONFLICT ALERT INDICATION	3.7.1.1.3.5.1-00	CONFLICT ALERT	29

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T1.2.1.2 (cont'd)	DETECT AIRCRAFT CONFLICT ALERT INDICATION	3.7.1.1.3.5.1-22	The ACCC shall initiate alerts to appropriate control positions and alert subsequent processing functions when current or predicted conflicts are detected.	29
		3.7.2.1.3.4-00	SEPARATION ASSURANCE CAPABILITY	43
		3.7.2 1.3.4-01	The TCCC shall display Minimum Safe Altitude Warning, Conflict Alert and Conflict Resolution Advisory warning messages for those aircraft on the TCCC Situation Display(s) and trigger the Aural Alarm.	43
		3.7.2.1.3.4-02	The TCCC shall provide the same controller inputs for control of this function as are provided for ACCC Approach Centrol positions.	4
		3.7.2.2.1.1.1-00	SITUATION DISPLAY	4
		3.7.2.2.1.1.1.3-08	TARGET AND TRACK DATA AND SYMBOLOGY	4
		3.7.2.2.1.1.1.3-24	The information conveyed in the track position symbol and Full Data Block shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot-Reported Altitude and Indication of Pilot-Reported Altitude, Handoff Status/Indicator, Exception Beacon Code, (See SLS).	4
		3.7.2.2.1.1.1.3-30	The conflict alert indicator shall denote when a conflict alert has been calculated for an aircraft.	4
		3.7.2.2.1.1.1,3-37	The following emergency and alert conditions shall be coded in the full data black to elicit immediate attention by the controller when applicable. (See SLS)	4
		3.7.2.2.1.1.1.3-38	If the FDB is being suppressed from display, then it shall automotically be displayed when any of the following conditions are present: Beacon Code 7700 (Emergency), 7600 (Radio Failure) and adaptable codes for Hijack, Suspect Aircraft, and other possible uses; Conflict Alert; (See SLS).	
		3.7.2.2.1.1.2-00	FLIGH) DATA DISPLAY	
		3.7.2.2,1.1.2-06	Fields shall be emphosized to call the controller's attention to them for various reasons; there is an alert active on the aircraft, an action is required by the controller, the field needs to be easily recognized by the controller.	
		3.7.2.2,1.1.2-32	b. FDENs shall uniquely denote conflict alert and minimum safe altitude warning.	
		3.7.2.2,1.1.4-00	ALERY AND RESOLUTION DISPLAY	
		1		

Tosk Number	Task Statement	Paragraph Number	Requirement	Poge No.
T1.2.1.2 (cont'd)	DETECT AIRCRAFT CONFLICT ALERT INDICATION	3.7.2.2.1.1.4-02	Conflict Alerts, Conflict Resolutions Advisories, Minimum Safe Altitude Warnings, and emergencies shall be displayed in the Alert and Resolution Display in a list with the callsign, alert condition, and computer generated resolution.	465
T!.2.1.6	INFORM CONTROLLER OF POTENTIAL/ ACTUAL AIRCRAFT/ VEHICLE CONFLICT	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	433
T1.2.1.8	FORWARD NOTICE OF POTENTIAL/ ACTUAL AIRCRAFT/ VEHICLE CONFLICT TO SUPERVISOR	3.7.2.1.3.7-90	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T1.2.1.9	REVIEW CONFLICT RESOLUTION ADVISORY	3.7.2.1.3.4-00	SEPARATION ASSURANCE CAPABILITY	437
		3.7.2.1.3.4-81	The TCCC shall display Minimum Safe Altitude Warning, Conflict Alert and Conflict Resolution Advisory warning messages for those aircraft on the TCCC Situation Display(s) and trigger the Aural Alarm.	437
		3.7.2.2.1.1.1-00	SITUATION DISPLAY	442
		3.7.2.2.1,1.1.9-00	CONFLICT RESOLUTION AND MSAW ADVISORIES	456
		3.7.2.2.1.1.1.9-01	The Situation Display shall contain conflict and MSAW resolution advisories.	459
		3.7.2.2.1.1.1.9-02	Conflict and MSAW resolution advisories shall be presented as alphanumerics.	456
		5.7.2.2.1.1.1.9-Ø3	Up to four controller selectable conflict resolution options shall be displayed for each Conflict Alert. and Track/Airspace Conflict if available from the CRA MSAW function.	451
		3.7.2.2.1.1.1.9-04	updates to the options shall occur and be displayed every (parameter) seconds until the conflict has been resolved.	45
		3.7.2.2.1.1.1.9-05	The options shall be displayed and updated until the conflict has been resolved.	45
		3.7.2.2.1.1.1.9-06	The options shall consider aircraft characteristics, if known, and normal controller and pilot reaction time.	45
		3.7.2.2.1.1.4-88	ALERT AND RESULUTION DISPLAY	46
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Task Number	Tosk Statement	Paragraph Numbe:	Requirement	Pag No
1.2.1.9 cont'd)	REVIEW CONFLICT RESOLUTION ADVISORY	3.7.2.2.1.1.4- 0 1	This logical display shall contain information on alert conditions detected by the automation system or input by a controller, and information for resolving the alert condition.	41
		3.7.2.2.1.1.4-02	Conflict Alerts, Conflict Resolutions Advisories, Minimum Safe Altitude Warnings, and emergencies shall be disployed in the Alert and Resolution Display in a list with the callsign, alert condition, and computer generated resolution.	4
1.2.1.10	CHOOSE CONFLICT RESOLUTION OPTION	3.7.2.2.1.1.1-88	SITUATION DISPLAY	4
		3.7.2.2.1.1.1.9-00	CONFLICT RESOLUTION AND MSAW ADVISORIES	4
		3.7.2.2.1.1.1.9-61	The Situation Display shall contain conflict and MSAW resolution advisories.	
		3.7.2.2.1.1.1.9-83	Up to four controller selectable conflict resolution options shall be displayed for each Conflict Alert, and Track/Airspace Conflict if available from the CRA MSAW function.	,
		3.7.2.2.1.1.1.9-05	The options shall be displayed and updated until the conflict has been resolved.	
1.2.1.11	DETECT AIRCRAFT MANEUVER IN RESPONSE TO ADVISORY/ ALERT	3.7.2.2.1.1.1-00	SITUATION DISPLAY	
-		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	
		3.7.2.2.1.1.1.4-00	TRACK VECTOR	
		3.7.2.2.1.1.1.4-01	The Situation Display shall contain a velocity/distance vector associated with each track.	
11.2.2.1	RECEIVE CONTROLLER NOTICE OF POTENTIAL LOW ALTITUDE SITUATION AT THIS POSITION	3.7.2.1.3.7-66	ATG MAIL	
		3.7.2.1.3.7-01	The TCCC shall provide the copability to communicate via electronic media.	
1.2.2.2	DETECT MSAH INDICATION OR ALARM	3.7,1.1.3.5,2-00	MINIMUM SAFE ALTITUDE WARNING	
		3.7.1.1.3.5.2-84	Upon detection of current or imminent violations of such air space regions within the look-sheed time period, oural and visual alerts shall be provided to the appropriate control room personnel.	
		3.7.1.1.3.5.2-17	The ACCC shall initiate alerts to appropriate control positions and alert subsequent processing functions when current or predicted conflicts are detected.	

Task Number	TUSK Statement	Paragraph Number	Requirement	Pag No
[1.2.↑ 2 (.ont'd)	DETECT MSAW INDICATION OR ALARM	3.7.2.1.3.4-00	SEPARATION ASSURANCE CAPABILITY	43
		3.7.2.1.3.4-Ø1	The TCCC shall display Minimum Safe Altitude Worning, Conflict Alert and Conflict Resolution Advisory warning messages for those aircraft on the TCCC Situation Display(s) and trigger the Aural Alarm.	43
		3.7,2.1.3.4-82	The TCCC shall provide the same controller inputs for control of this function as are provided for ACCC Approach Control positions.	43
		3.7.2.2.1.1.1-08	SITUATION DISPLAY	44
		3.7.2.2.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	4.0
		3.7.2.2.1.1.1.3~24	The information conveyed in the track position symbol and Full Data Block shall be adoptable from the following set of data: Callsign, Mode C Altitude or Pilot-Reported Altitude and Indication of Pilot-Reported Altitude, Handoff Status/Indicator, Exception Beacon Code, (See SLS).	44
		3.7.2.2.1.1.3-31	The minimum safe altitude warning indicator shall denote when on MSAN alert has been calculated for an aircraft.	4.
		3.7.2.2.1.1.1,3-37	The following emergency and alert conditions shall be coded in the full data block to elicit immediate attention by the controller when applicable. (See SLS)	4
		3.7.2.2.1.1.1.3-38	If the FDB is being suppressed from display, then it shall automatically be displayed when any of the following conditions are present: Beacon Code 7700 (Emergency). 7600 (Radio Failure) and adoptable codes for Hijack, Suspect Aircraft, and other possible uses; Conflict Alert; (See SLS).	4
		3.7.2.2.1.1.4-00	ALERT AND RESOLUTION DISPLAY	4
		3.7.2.2.1.7.4-02	Conflict Alerts. Conflict Resolutions Advisories, Minimum Sofe Altitude Warnings, and emergencies shall be displayed in the Alert and Resolution Display in a list with the collsign, alert condition, and computer generated resolution.	4
T1.2.2.5	INFORM CONTROLLER OF POTENTIAL MSAN SITUATION	5.7.2.1.3.7-00	ATC MAIL	,
		3.7.2.1.3.7-01	the TCCC shall provide the capability to communicate via electronic media.	
T1.2.2.8	FORWARD NOTICE OF VALID MSAW OR FLIGHT ASSIST TO SUPERVISOR	3.7.2.1.3.7-00	ATC MAIL	
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	

Taşk Number	Task Statement	Paragraph Number	Requirement	No.
1.2.2.9	REVIEW MSAW RESOLUTION ADVISORY	3.7.2.1.3.4-00	SEPARATION ASSURANCE CAPABILITY	437
		3.7.2.1.3.4-01	The ICCC shall display Minimum Safe Altitude Warning, Conflict Alert and Conflict Resolution Advisory warning messages for those aircraft on the TCCC Situation Display(s) and trigger the Aural Alarm,	437
'		3.7.2.2.1.1.1-05	SITUATION DISPLAY	44
		3.7.2.2.1.1.1.9-00	CONFLICT RESOLUTION AND MSAW ADVISORIES	451
		3.7.2.2.1.1.1.9-01	The Situation Display shall contain conflict and MSAW resolution advisories.	451
		3.7.2.2.1.1,1.9-03	Up to four controller selectable conflict resolution options shall be displayed for each Conflict Alert, and Track/Airspace Conflict if available from the CRA MSAW function.	45:
		3.7.2.2.1.1.1.9-84	Updates to the options shall occur and be displayed every (parameter) seconds until the conflict has been resolved.	45
		3.7.2.2.1.1.1.9-05	The options shall be displayed and updated until the conflict has been resolved.	4
		3.7.2.2.1.1.1.9-06	The options shall consider ourcraft characteristics, if known, and normal controller and pilot reaction time.	49
		3.7.2.2.1.1.4-00	ALERT AND RESOLUTION DISPLAY	4
		3.7.2.2.1.1.4-81	This logical display shall contain information on alert conditions detected by the automation system or input by a controller, and information for resolving the alert condition.	4
		3.7.2.2.1.1.4-82	Conflict Alerts, Conflict Resolutions Advisories, Minimum Safe Altitude Warnings, and emergencies shall be displayed in the Alert and Resolution Display in a list with the callsign, alert condition, and computer generated resolution.	4
T1.2.2.11	OBSERVE DISPLAY FOR FIXED OBSTRUCTIONS THAT MAY INTERFERE WITH AIRCRAFT FLIGHT	3.7.2.2.1.1.1-00	SITUATION DISPLAY	4
		3.7.2.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	4
		3,7,2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	4
		3.7 2.2.1.1.7-06	STATIC INFORMATION DISPLAY	
		3.7.2.2.1.1.7-02	The following table lists the data that shall be displayed: (See SLS).	

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Task Number	Task Statement	Paragraph Number	Requirement	140
F1.2.3.3	INFORM CONTROLLER OF POTENTIAL/ ACTUAL AIRSPACE/ MOVEMENT AREA VIOLATION	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capobility to communicate via electronic media.	43
T1.2.3.5	FORWARD NOTICE OF POTENTIAL/ ACTUAL AIRSPACE/ MOVEMENT AREA VIOLATION TO SUPERVISOR	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-Ø1	The TCCC shall provide the capability to communicate via electronic media.	43
T1.2.5.2	RECEIVE SUPERVISOR NOTICE TO SUPPRESS ALERT	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
71.2.5.3	SUPPRESS CONFLICT ALERT FOR PAIRED AIRCRAFT	3.7.2.1.3.4-00	SEPARATION ASSURANCE CAPABILITY	43
		3.7.2.1.3.4-02	The TCCC shall provide the same controller inputs for control of this function as are provided for ACCC Approach Control positions.	43
		3.7.2.2,1.2.1-00	TRACK CONTROL	47
		3.7.2.2.1.2.1-21	i. Suppress/Restore Conflict Alert Pair/Conflict Resolution Advisory: Flight Identification (Aircraft 1), Flight Identification (Aircraft 2), (Suppress/Restore Alert Indicator), (Suppress/Restore Resolution Advisory (all displays)).	47
		3.7.2.2.1.2.1 22	1. Suppress/Restore Conflict Alert Pair/Conflict Resolution Auvisory: This message shall be used to suppress/restore the display of conflict alert and conflict resolution information after it is forced at a sector by the Conflict Alert and Conflict Resolution Advisory functions.	4
		3.7.2.2.1.2.1-23	i. Suppress/Restorc Conflict Alert Pair/Conflict Resolution Advisory: fhe capability shall be provided to optionally suppress/restore the alert indicator on all logical Jisplays after it is displayed for that position without affecting the display of the resolution advisory.	4
T1.2.5.4	SUPPRESS MSAN FUNCTION FOR AN AIRCRAFT	3.7.1.1.3.5.3-00	CONFLICT RESOLUTION ADVISORY FUNCTION	2
		3.7.1.1.3.5.3-87	The system shall provide the capability, via adaptation, to inhibit the generation of conflict resolution advisories for the resolution of a conflict in which all of the controlled circroft involved in the conflict are operating in adopted volumes of airspace.	2

Task Number	Task Statement	Paragraph Number	Requirement	Poge No.
T1.2.5.4 (cont'd)	SUPPRESS MSAW FUNCTION FOR AN AIRCRAFT	3.7.2.1.3.4-00	SEPARATION ASSURANCE CAPABILITY	437
		3.7.2.1.3.4-02	The TCCC shall provide the same controller inputs for control of this function as are provided for ACCC Approach Control positions.	437
		3.7.2.2.1.2.1-00	TRACK CONTROL	471
		3.7.2.2.1.2.1-32	k. Suppress/Restore MSAW Alert/Conflict Resolution Advisory: Flight Identification, (Suppress Alert Indicator), (Suppress Resolution Advisory (all displays)), (Facility).	474
		3.7.2.2.1.2.1-33	k. Suppress/Restore MSAW Alert/Conflict Resolution Advisory: This message shall be used to suppress/restore the display of MSAW alerts and MSAW resolution in armation for a single aircraft either for that particular sector or the entire facility after display of that information has (See SLS).	474
		3.7.2.2.1.2.1-34	k. Suppress/Restore MSAW Alert/Conflict Resolution Advisory: The capability shall be provided to optionally suppress/restore the alert indicator on all logical displays after it is displayed for that position without affecting the display of the resolution advisory.	474
T1.2.5.5	SUPPRESS CONFLICT ALERT FOR GROUP SUPPRESSION	3.7.2.1.3.4-00	SEPARATION ASSURANCE CAPABILITY	43
		3.7.2.1.3.4-02	The TCCC shall provide the same controller inputs for control of this function as are provided for ACCC Approach Control positions.	43
		3.7.2.2.1.2.1-00	TRACK CONTROL	47
		3.7.2.2.1.2.1-26	j. Group Suppression: Action Indicator, (Add, Delete, Print), Group Identification Number, Flight Identification (Up to 15), (Airspace), (Altitude Range), (Time Period).	47
		3.7,2.2.1.2.1-27	j. Group Suppression: This message shall be used to suppress the display of the Canflict Alert and Conflict Resolution Advisory functions for tracks purposely operating within the minimum separation parameters of the Canflict Alert function and optionally within an adapted airspace (See SLS).	47
T1.2.5.6	RECEIVE SUPERVISOR NUTICE TO RESTORE ALERT/ RESOLUTION ADVISORY	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-61	The TCCC shall provide the capability to communicate via electronic media.	4.

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Task Number	Task Statement	Paragraph Number	Requirement	No
1.2.5.7	RESTORE SPECIFIC ALERT/ RESOLUTION ADVISORY FUNCTION TO NORMAL	3.7.1.1.3.5.3-00	CONFLICT RESCLUTION ADVISORY FUNCTION	25
		3.7.1.1.3.5.3-07	The system shall provide the capability, via adaptation, to inhibit the generation of conflict resolution advisories for the resolution of a conflict in which all of the controlled aircraft involved in the conflict are operating in adapted volumes of airspace.	25
		3.7.2.1.3.4-00	SEPARATION ASSURANCE CAPABILITY	4
		3.7.2.1,3.4-02	The TCCC shall provide the same controller inputs for control of this function as are provided for ACCC Approach Control positions.	43
		3.7.2.2.1.2.1-00	TRACK CONTROL	4
		3.7.2.2.1.21	i. Suppress/Restore Conflict Alert Poir/Conflict Resolution Advisory: Flight Identification (Aircraft 1), Flight Identification (Aircraft 2), (Suppress/Restore Resolution Advisory (all displays)).	4
		3.7.2.2.1.2.1-22	i. Suppress/Restore Conflict Alert Pair/Conflict Resolution Advisory: This mcssage sholl be used to suppress/restore the display of conflict alert and conflict resolution information after it is forced at a sector by the Conflict Alert and Conflict Resolution Advisory functions.	4
		3.7.2.2.1.2.1-23	i. Suppress/Restore Conflict Alert Pair/Conflict Resolution Advisory: The capability shall be provided to optionally suppress/restore the alert indicator on all logical displays after it is displayed for that position without affecting the display of the resolution advisory.	4
		5.7.2.2.1.2.1-25	i. Suppress/Restore Conflict Alert Pair/Conflict Resolution Advisory: The copability shall be provided to optionally suppress/restore the resolution advisory on all logical displays.	
		3.7.2.2.1.2.1-26	j. Group Suppression: Action Indicator, (Add, Delete, Print), Group Identification Number, Flight Identification (Up to 15), (Airspace), (Altitude Range), (Time Period).	,
		3.7.2.2.1.2.1-30	j.3. Group Suppression: The Group Suppression message shall be used to: Delete an existing group at a position or within an adapted airspace.	
		3.7.2.2.1.2.1-32	k. Suppress/Restore MSAW Alert/Conflict Resolution Advisory: Flight Identification, (Suppress Alert Indicator), (Suppress Resolution Advisory (all displays), (Facility).	

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
T1.2.5.7 (cont'd)	RESTORE SPECIFIC ALERT/ RESOLUTION ADVISORY FUNCTION TO NORMAL	3.7.2.2.1.2.1-33	k. Suppress/Restore MSAW Alert/Conflict Resolution Advisory; This message shall be used to suppress/restore the display of MSAW	474
			alerts and MSAW resolution information for a single aircraft either for that perticular sector or the entire facility after display of that information has (See SLS).	
		3.7.2.2.1.2.1-34	k. Suppress/Restore MSAW Alert/Conflict Resolution Advisory: The capability shall be provided to optionally suppress/restore the alert indicator on all logical displays after it is displayed for that position without affecting the display of the resolution advisory.	474
		3.7.2.2.1.2.1-35	k. Suppress/Restore MSAW Alert/Conflict Resolution Advisory: The copability shall be provided to optionally suppress/restore the resolution advisory on the Situation Display without affecting the display of the resolution advisory on the Alert and Resolution Display.	474
		3.7.2.2.1.2.1-36	k. Suppress/Restore MSAW Alert/Conflict Resolution Advisory: The capability shall be provided to optionally suppress/restore the resolution advisory on all logical displays.	474
T1.2.5.8	SUPPRESS CONFLICT RESOLUTION ADVISORY FOR PAIRED AIRCRAFT	3.7.1.1.3.5.3-00	CONFLICT RESOLUTION ADVISORY FUNCTION	296
		3.7.1.1.3.5.3-07	The system shall provide the capability, via adaptation, to inhibit the generation of conflict resolution advisaties for the resolution of a conflict in which all of the controlled aircraft involved in the conflict are operating in adapted volumes of airspace.	297
		3.7.2.1.3.4-00	SEPARATION ASSURANCE CAPABILITY	437
		3.7.2.1.3.4-02	The TCCC shall provide the same controller inputs for control of this function as are provided for ACCC Approach Control positions.	437
	<u> </u>	3.7.2.2.1.1.4-00	ALERT AND RESOLUTION DISPLAY	465
		3.7.2.2.1.1.4-05	The system shall provide the capability to suppress the display of conflict resolution advisories for the resolution of a conflict in which all of the aircraft under air traffic control which are involved in the conflict are operating in selected adapted volumes of airspace.	465
		3.7.2.2.1.1.4-86	The capability to suppress the display of such adviscries shall be provided via controller input, supervisory input and by adaptation.	465
		3.7.2.2.1.2.1-00	TRACK CONTROL	471

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Task Number	Task Statement	Paragraph Number	Requirement	Nó.
T1.2.5.8 (cont'd)	SUPPRESS CONFLICT RESOLUTION ADVISORY FOR PAIRED AIRCRAFT	3.7.2.2.1.2.1-21	i. Suppress/Restore Conflict Alert Pair/Conflict Resolution Advisory: Flight Identification (Aircraft 1), Flight Identification (Aircraft 2), (Suppress/Restore Alert Indicator), (Suppress/Restore Resolution Advisory (all displays)).	473
		3.7.2.2.1.2.1-22	i. Suppress/Restore Conflict Alert Pair/Conflict Resolution Advisory: This message shall be used to suppress/restore the display of conflict alert and conflict resolution information after it is forced at a sector by the Conflict Alert and Conflict Resolution Advisory functions.	473
		3.7.2.2.1.2.1-24	i. Suppress/Restore Conflict Alert Puir/Conflict Resolution Advisory: The copobility shall be provided to optionally suppress/restore the resolution advisory on the Situation Display without affecting the display of the resolution advisory on the Alert and Resolution Display.	473
		3.7.2,2.1.2.1-25	i. Suppress/Restore Conflict Alert Pair/Conflict Resolution Advisory: The capability shall be provided to optionally suppress/restore the resolution advisory on all logical displays.	473
T1.2.5.9	SUPPRESS MSAW RESOLUTION ADVISORY FOR AN AIRCRAFT	3.7.1.1.3.5.3-00	CONFLICT RESOLUTION ADVISORY FUNCTION	296
		3.7.1.1.3.5.3-07	The system shall provide the copobility, via adaptation, to inhibit the generation of conflict resolution advisories for the resolution of a conflict in which all of the controlled aircraft involved in the conflict are operating in adopted volumes of airspace.	297
		3.7.2.1,3.4-00	SEPARATION ASSURANCE CAPABILITY	437
		3.7.2.1.3.4-02	The TCCC shall provide the same controller inputs for control of this function as are provided for ACCC Approach Control positions.	437
		3.7.2.2.1.2.1-00	TRACK CONTROL	471
		3.7.2.2.1.2.1-32	k. Suppress/Restore MSAN Alert/Conflict Resolution Advisory: Flight Identification. (Suppress Alert Indicator), (Suppress Resolution Advisory (all displays)), (Facility).	474
		3.7.2.2.1.2.1-33	k. Suppress/Restore MSAW Alert/Conflict Resolution Advisory: This message shall be used to suppress/restore the display of NSAW alerts and MSAW resolution information for a single direcaft either for that porticular sector or the entire facility after display of that information has (See SLS).	474

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Task Number	Task Statement	Paragraph Number	Requirement	No
T1.2.5.9 (cont'd)	SUPPRESS MSAL RESOLUTION ADVISORY FOR AN AIRCRAFT	3.7.2.2.1.2.1-35	K. Suppress/Restore MSAM Alert/Conflict Resolution Advisory: The copobility shall be provided to optionally suppress/restore the resolution odvisory on the Situation Display without affecting the display of the resolution advisory on the Alert and Resolution Display.	47
		3.7.2.2.1.2.1-36	k. Suppress/Restore MSAW Alert/Conflict Resolution Advisory: The capability shall be provided to optionally suppress/restore the resolution advisory on all logical displays.	47
T1.3.1.1	PERCEIVE AN ALTITUDE/ ROUTE DEVIATION	3.7.2.2.1.1.1-สฮ	SITUATION DISPLAY	44
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLUGY	44
		3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	45
T1. 3.1. 2	RECEIVE NOTICE OF AIRCRAFT/ VEHICLE DEVIATION	3.7.2.1.3.7-20	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
T1.3.1.3	DETECT ALTITUDE NONCONFORMANCE INDICATION	3.7.2.2.1.1.1-08	SITUATION DISPLAY	44
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	44
		3.7.2.2.1.1.1.3-17	Track status shall be coded within the track position symbol, leader line, or FOB and shall denote when a track is in coast, no'd, flight plan extrapolation, or out of association with its paired flight plan.	44
		3.7.2.2.1.1.1.3-24	The information conveyed in the track position symbol and Full Data Block shall be adaptable from the following set of data: Callsign, Mode C Altitude or Filot-Reported Altitude and Indication of Pilot-Reported Altitude, Handoff Status/Indicator, Exception Beacon Code, (See SLS).	44
		3.7.2.2.1.1.1.3-27	Altitude nonconformance indicator shall denote the status of a tracked aircraft's reported altitude in relation to its assigned altitude.	44
		3.7.2.2.1.1.1.3-37	The following emergency and olert conditions shall be coded in the full data block to elicit immediate attention by the controller when applicable. (See SLS)	44
		3 7.?.2.1.1.1,3-38	If the FDB is being suppressed from display, then it shall automatically be displayed when any of the following conditions are present: Beacon Code 7700 (Emergency), 7600 (Radio Failure) and adaptable codes for Hijack, Suspect Aircraft, and other possible uses; Conflict Alert; (See SLS).	44
			present: Beacon Code 7700 (Emergency), 760 (Radio Failure) and adaptable codes for Hijack, Suspect Aircraft, and other possib	

Task Number	Task Statement	Puragraph Number	Requirement	Page No.
T1.3.1.3 (cont'd)	DETECT ALTITUDE NONCONFORMANCE	3.7.2.2.1.1.2-00	FILIGHT DATA DISPLAY	450
((2011)		3.7.2.2.1.1.2-Ø1	The Flight Data Displays shall consist of six logical displays: Flight Data Readout Display, Arrival List, Departure List, Clearance Pending List, Standby List, and Overflight List.	450
		3.7.2.2.1.1.2-82	The lists shall be composed of Flight Data Entries (FDEs).	451
		3.7.2.2.1.1.2.1-00	FLIGHT DATA READOUT DISPLAY	454
		3.7.2.2.1.1.2.1-Ø1	The Flight Data Readout Display shall be established to show all of the flight data listed in Table 3.7-11 on one particular flight chosen by the controller.	454
Γ1.3.1.5	QUERY PILOT/ OPERATUR/ CONTROLLER REGARDING DEVIATION	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T1.3.1.8	OBSERVE DISPLAY OF AIRCRAFT/ VEHICLE RESUMING CONFORMANCE	3.2.2.2.6-00	EQUIPMENT LAYOUT	195
		3.2.2.2.6-83	The TCCC equipment layout design shall also ergonomically accommodate a wide variety of other ATCT equipment integrated into the tower cab including Airport Surface Detection Equipment, inter/intra facility voice and air/ground communications equipment and light guns.	195
		3.7.2.2.1.1.1-00	SITUATION DISPLAY	44
		3.7.2.2.1.1.1.1-00	GEOGRAPHIC AREA OF CONCERN	44;
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	44
		3.7.2.2.1,1,1.4-00	TRACK VECTOR	44
		3.7.2.2.1.1.1.4-01	The Situation Display shall contain a velocity/distance vector associated with each track.	44
71.3.1.9	ORSERVE CROUND TRAFFIC DEVIATION ON ASDE DISPLAY	3.2.2.2-00	TCCC PHYSICAL CHARACTERISTICS	19
		3.2.2.2.6-00	EQUIPMENT LAYOUT	19
		3.2.2.2.6-03	The TCCC equipment layout design shall also ergonomically accommodate a wide variety of other ATCT equipment integrated into the tower cab inclining Airport Surface Detection Equipment, inter/intra facility vaice and air/ground communications equipment and light guns.	19

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
T1.3.1.10	INFORM OTHER CONTROLLER/ SUPERVISOR OF GROUND TRAFFIC DEVIATION	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
т1.3.1.11	DETECT UNREASONABLE MODE C INDICATION	3.7.2.2.1.1.1-00	SITUATION DISPLAY	442
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2.1,1.1.3-27	Altitude nonconformance indicator shall denote the status of a tracked aircraft's reported altitude in relation to its assigned altitude.	445
		3.7.2.2.1.1.1.3-28	In addition, it shall denote when Mode C fails Mode C reasonableness checks.	445
71.3.1.12	EVALUATE UNREASONABLE MODE C INDICATION FOR ACTION NEEDED	3.7.2.2.1.1.1-60	SITUATION DISPLAY	442
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	44
		3.7.2.2.1.1.1.3-27	Altitude nonconformance indicator shall denote the status of a tracked aircraft's reported altitude in relation to its assigned altitude.	44,5
		3.7.2.2.1.1.1.3-28	In addition, it shall denote when Mode C fails Mode C reasonableness checks.	449
т1.3.1.13	EVALUATE ALTITUDE NONCOMFORMANCE INDICATION FOR ACTION NEEDED	.7.2.2.1.1.1-00	SITUATION DISPLAY	442
		3.7.2.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	443
		3.7.2.2,1,1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	44
		3.7.2.2.1.1.1.3-24	The information conveyed in the track position symbol and Full Data Block shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot-Reported Altitude and Indication of Pilot-Reported Altitude, Handoff Status/Indicator, Exception Beacon Code, (See SLS).	441
		3.7.2.2.1.1.1.3-27	Altitude nonconformance indicator shall denote the status of a tracked aircraft's reported altitude in relation to its assigned altitude.	445
T1. 3.2.1	RECEIVE FDE OF DEPARTURE AIRCRAFT	3.7.2.2.1.1.2.3-00	DEPARTURE LIST	45
		3.7.2.2.1.1.2.3-01	The Departure List shall contain information on all aircraft that are proposed to depart from the airport and that will be under the control of the particular position.	45

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
T1.3.2.1 (cont'd)	RECEIVE FDE OF UEPARTURE AIRCRAFT	3.7.2.2.1.1.2.3-03	a. Posting - Entries shall be posted when the flight is transferred to the position.	457
T1.3.2.4	ENTER DEPARTURE MESSAGE	3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	476
		3.7.2.2.1.2.2-Ø9	b. Deporture: Flight Identification, (Deporture Time), (Assigned Altitude).	477
		3.7.2.2.1.2.2-18	b. Departure: This message shall be used to activate a proposed departure or a proposed airfile flight plan.	477
T1.3.2.8	REQUEST RELEASE FOR DEPARTURE	3.7.2.1.3.7-80	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCS shall provide the capability to communicate via electronic media.	439
T1.3.2.9	RECEIVE INSTRUCTIONS TO HOLD FOR RELEASE	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T1.3.2.1Ø	RECEIVE RELEASE FOR DEFARTURE AND AMENDED CLEARANCE AS NECESSARY	3.7.2.1.3.7-00	ATC MAIL	439
		5.7.2.i.3.7-#1	The TUCU shall provide the capability to communicate via electronic media.	439
T1.3.2.20	RECEIVE NOTICE OF TAKEOFF	3.7.2.1.3.7-46	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T1.3.2.22	OBSERVE TAKEOFF ON SITUATION DISPLAY	3.7.2.2.1.1.1-66	SITUATION DISPLAY	442
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
T1.3.2.24	TRANSFER FDE TO OTHER CONTROLLER	3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	476
		3.7.2.2.1.2.2-42	s. Position-to-Position Transfer of Data: Flight Identification, Receiving Position.	479
		3.7.2.2.1.2.2-43	s. Position-to-Position Transfer of Data: This message shall be used to transfer Flight Data Entries between positions in the tower.	479
11.3.2.25	FORWARD NOTICE OF DEPARTURE	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T1.3.2.27	OBSERVE DISPLAY OF AIRCRAFT AWAITING TAKEOFF CLEARANCE	3.2.2.2-00	TCCC PHYSICAL CHARACTERISTICS	194

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T1.3.2.27 (cont'd)	OBSERVE DISPLAY OF AIRCRAFT AMAITING TAKEOFF CLEARANCE	3.2.2.2.6-00	EQUIPME®T LAYOUT	1
		3.2.2.2.6-03	The TCCC equipment layout design shall also ergonomically accommodate a wide variety of other ATCT equipment integrated into the tower cob including Airport Surface Detection Equipment, inter/intra facility vaice and cir/ground communications equipment and light guns.	1
1.3.2.28	OBSERVE DISPLAY OF ABORTED TAKEOFF	3.2.2.2-00	TCCC PHYSICAL CHARACTERISTICS	1
		3.2.2.2.6-00	EQUIPMENT LAYOUT	1
		3.2.2.2.6-03	The TCCC equipment layout design shall aiso ergonomically accommodate a wide variety of other ATCT equipment integrated into the tower cab including Airport Surface Detection Equipment, inter/intra facility voice and air/ground communications equipment and light guns.	1
		3.7.2.2.1.1.1-00	SITUATION DISPLAY	4
1.3.3.1	RECEIVE FDE/ FDB OF ARRIVAL AIRCRAFT	3.7.2.2.1.1.1-00	SITUATION DISPLAY	4
		3.7.2.2.1.1.1,3-00	TARGET AND TRACK DATA AND SYMBULUBY	4
		3.7.2.2.1.1.1.3-02	All targets detected by surveillance sensors (transponder, rador or radar-reinforced transponder) shall be available for presentation on the Situation Display.	,
		3.7.2.2.1.1.3-03	These data shall be presented as position symbols and data blocks.	
		3.7.2.2.1.1.1.3-10	The FDBs and the symbology used to display target and track positions shall be adaptable on the basis of position type.	
		3.7.2.2.1.1.1.3-21	The Situation Display shall also contain a Full Dato Block associated with certain tracks within the geographic area of concern.	4
		3,7.2.2.1.1.1.5-40	Some of the conditions that shall result in display of a Full Data Block for a track are: (See SLS)	
		3.7.2.2.1.1.2.2-00	ARRIVAL LIST	
		3.7.2.2.1.1.2.2-01	The Arrival List shall contain information on all aircraft that are arriving at the airport and that will be under control of the particular position.	

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
T1.3.3.1 (cont'd)	RECEIVE FCE/ FDB OF ARRIVAL AIRCRAFT	3.7.2.2.1.1.2.2-03	a. Posting - Entries shall be posted outomatically an adaptable time before or after the aircraft's calculated landing time.	457
T1.3.3.3	ENTER FLIGHT PLAN	3.7.2.2.1.2.2-60	FLIGHT DATA CHANGES	476
		3.7.2.2.1.2.2-14	d. Flight Plan: Callsign. A/C Data, (Beacon Code), True Air Speed, Coordination Fix or Departure Paint, Coordination Time, Altitude, Poute, (Remarks), (Mode S Address), (Indicated Airspeed), (Destination Airport).	477
		3.7.2.2.1.2.2-15	d. Flight Plan. This message shall be used to establish a flight plan for a flight.	477
		3.7.2.2.1.2.2-38	q. VFR Flight Plan: Aircraft Identification. (A/C Data), (Beacon Code), (Departure Point), (Destination), (True Air Speed), (Coordination Fix), (Coordination Time), (Altitude), (Route), (Remarks), (Heading), (Runway Assignment), (Estimated Time of Arrival), (Coordination).	475
		3.7.2.2.1.2.2-39	q. VFR Flight Plan: This message shall be used to establish a set of duta for a VFR flight.	479
		3.7.2.2.1.2.2-40	q. VFR Flight Plan: The coordination field shall be used to designate that posting determination be performed on the VFR flight plan and to route VFR flight data to controller designated positions and facilities.	479
		3.7.2.2.1,2.2-55	x. Airport VFR Flight Plan Request: Callsign, (Flight Status), (Code Block Selection), (CPSD coordinates, fix, un direction), (Airport).	486
		3.7.2.2.1.2.2-56	x. Airport VFR Flight Plan Request: This message shall be used to create a VFR flight plan for an aircraft.	481
		3.7.2.2.1.2.2-57	x. Airport VFR Flight Plan Request: The flight status shall be arrival, departure, or overflight.	48
		3.7.2.2.1.2.2-58	x. Airport VFR Flight Plan Request: If Flight Status is not entered, arrival or departure status shall be selected depending on whether the message is entered from a position providing arrival or departure services.	48
T1,3.3.5	OSSERVE DISPLAYS FOR PERTINENT INFORMATION ON ARRIVAL AIRCRAFT	3.7.2.2.1.1.1-00	SITUATION DISPLAY	44
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	44

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T1.3.3.5 (cont'd)	OBSERVE DISPLAYS FOR PERYINENT INFORMATION ON ARRIVAL AIRCRAFF	3.7.2.2.1.1.1.3-24	The information conveyed in the track position symbol and Full Data Black shall be adoptable from the fallowing set of data: Callsign, Mode C Altitude or Pilot-Reported Altitude and Inducation of Pilot-Reported Altitude, Handoff Status/Indicator, Exception Beacon Code, (See SLS).	444
		3.7.2.2.1.1.2.2-98	ARRIVAL LIST	457
		3.7.2.2.1.1.2.2-01	The Arrival List shall contain information on all aircraft that are arriving at the airport and that will be under control of the particular position.	457
T1.3.3.8	DETERMINE SAFENESS FOR LANDING	3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	458
Υ1.3.3.15	INFORM CONTROLLER OF MISSED APPROACH/ GO AROUND/ TOUCH-AND-GO/ STOP- ND-GO	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7~01	The TCCC shall provide the capability to communicate via electronic media.	45
		3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	47
		3.7.2.2.1.2.2-47	u. Missed Approach: Flight Identification, (Position).	48
		3.7.2.2.1.2.2-48	u. Missed Approach: This message shall be used to give control of an arrival flight to an adapted approach control position.	48
11.3,3,17	ENTER RUNHAY ASSIGNMENT FOR AIRCRAFT	3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	47
		3.7.2.2.1.2.2-35	c. Runway Assignment: Flight Identification, Runway.	47
		3.7.2.2.1.2.2-36	o. Runway Assignment: This message shall be used to assign or reassign a runway to an aircraft.	47
T1.3.3.18	OBSER'/E DISPLAY OF AIRCRAFT EXECUTING LANDING/ CPTION	3.2.2.2.6-00	EQUIPMENT LAYOUT	19
		3.2,2.2.6-03	The TCCC equipment layout design shall also ergonomically occommodate a wide variety of other ATCT equipment integrated into the tower cab including Airport Surface Detection Equipment, inter/intra facility voice and air/ground communications equipment and light guns.	19
		3.7.2.2.1.1.1-00	SITUATION DISPLAY	44
		3.7 2.2,1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	44

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T1,3,3,18 (cont'd)	OBSERVE DISPLAY OF AIRCRAFT EXECUTING LANDING/ OPTION	3.7.2.2.1.1.1.3-04	The Situation Display shall contain current position data for various categories of targets and tracks, and position history data for targets.	44
11.3.3.19	VFRIFY PILOT HAS CURRENT ATIS	3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	45
		3.7.2.2.1.1.3-05	Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	45
		3.7.2.2.1.1.3-09	 a. Critical Data - The critical data page shall contain all data critical to a tower's operation. 	45
		3.7.2.2.1.1. 3 -11	a.2. Critical Data shall include: Current ATIS designator.	45
11.3.4.1	RECEIVE NOTICE OF AN INTRUSION INTO AIRSPACE/ MOVEMENT AREA BY NON-CONTROLLED OBJECT	3.7.2.1.3.7-00	AYC MAIL	4
		3.7.2 1,3,7-Ø1	The TCCC shall provide the capability to communicate via electronic media.	4;
Γ1,3,4.3	OBSERVE ON DISPLAY AN INTRUSION INTO AIRSPACE/ MOVEMENT AREA BY NON-CONTROLLED OBJECT	3.2.2.2.6-00	EQUIPMENT LAYOUT .	1
		3.2.2.2.6-03	The TCCC equipment layout design shall also ergonomically accommodate a wide variety of other ATCT equipment integrated into the tower cab including Airport Surface Detection Equipment, inter/intra facility voice and air/ground communications equipment and light guns.	1
		3.7.2.2.1.1.1-00	SITUATION DISPLAY	4
		3.7.2.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	4
		3.7.2.2.1.1.1. 5 -00	TARGET AND TRACK DATA AND SYMBOLOGY	4
		3.7.2.2.1.1.1.3-04	The Situation Display shall contain current position data for various categories of targets and tracks, and position history data for targets.	4
T1,3,4.4	FORWARD NOTICE OF AN AIRSPACE/ MOVEMENT AREA INTRUSION BY A NON-CONTROLLED OBJECT	3.7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.3.7-Ø1	The TCCC shall provide the capacility to communicate via electronic media.	4
T1.3.4.5	OBSERVE NON-CONTROLLED OBJECT PROGRESS	3.2.2.2.6-00	EQUIPMENT LAYOUT	
			İ	

Task Number	Task Stalement	Paragraph Number	Requirement	Poge No.
T1.3.4.5 (cont'd)	OBSERVE NON-CONTROLLED OBJECT PROGRESS	3.2.2.2.6·Ø3	The TCCC equipment layout design shall also ergonomically accommodate a wide variety of other AICT equipment integrated into the tower cab including Airport Surface Detection Equipment, inter/intra facility voice and air/ground communications equipment and light guns.	195
		3.7.2.2.1.1.1-00	SITUATION DISPLAY	442
		3.7.2.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	443
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2.1.1.1.3-04	The Situation Display shall contain current position data for various categories of targets and tracks, and position history data for targets.	443
T1.3.5.1	RECEIVE NUTICE OF IMPOSED AIRSPACE/ MOVEMENT AREA RESTRICTION	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T1.3.6.1	REQUEST TEMPORARY RELEASE OF AIRSPACE/ MOVEMENT AREA	3.7.2.1.3.7-80	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T1.3.6.2	RECEIVE RELEASE/ USE OF AIRSPACE/ MOVEMENT AREA	3.7.2.1.3.7-00	ATC MAIL	439
ļ		3.7.2.1.3.7-01	The TCCC small provide the capability to communicate via electronic media.	439
T1.3.6.3	RECEIVE DENIAL OF USE OF AIRSPACE/ MOVEMENT AREA	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T1.3.6.4	FORWARD NOTICE OF RETURN OF RELEASED AIRSPACE/ MOVEMENT AREA	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
	RECEIVE REQUEST FOR TEMPORARY RELEASE OF AIRSPACE/ MOVEMENT AREA	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-81	The TCCC shall provide the capability to communicate via electronic media.	439
11.3.7.3	FORWARD APPROVAL FOR TEMPORARY USE OF AIRSPACE/ MOVEMENT AR A	3.7.2.1.3.7-00	ATC MAIL	439

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Task Number	Task Stater nt	Paragraph Number	Requirement	No.
T1.3,7,3 (cont'd)	FORWARD APPROVAL FOR TEMPORARY USE OF AIRSPACE/ MOVEMENT AREA	3.7,2.1.3.7-Ø1	The TCCC shall provide the capability to communicate via electronic media.	439
T1 .3 .7,4	FORWARD DENIAL OF TEMPORARY USS OF AIRSPACE/ MOVEMENT AREA	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T1. 3 .7.5	RECEIVE RETURN CF AIRSPACE/ MOVEMENT AREA TEMPORARILY RELEASED	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T1.4.1.1	RECEIVE CONTROLLER REQUEST FOR CLEARANCE/ APPROVAL	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1. 3.7-0 1	The TCCC shall provide the capability to communicate via electronic media.	439
11.4.1.5	REQUEST BEACON CODE	3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	476
		3.7.2.2.1.2.2-11	c. Discrete Code Request/Assignment: Flight Identification, (Beacon Code), (Code Subset Designator).	477
		3.7.2.2.1.2.2-12	c. Discrete C de Request/Assignment: This message shall e used to request the ACCC to assign or charge a discrete beacon code for a flight.	477
T1.4. 1.7	FORWARD CLEARANCE REQUEST TO ANOTHER CONTROLLER	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7- 6 1	The TCCC shall provide the capability to communicate via electronic media.	439
T1.4.1.8	REQUEST CLEARANCE/ APPROVAL FROM ANOTHER CONTROLLER	3.7.2.1.3.7-60	ATC MAIL	439
		3.7.2.1.3.7-Ø1	The TCCC shall provide the capability to communicate via electronic media.	439
T1.4.1.9	PECEIVE CLEARANCE APPROVAL/ CLEARANCE RESTRICTIONS FROM ANOTHER CONTROLLER	3.7.2.1.3.7-38	ATC MVIL	439
		3.7.2.1.3.7-01	The TCCC shall provide _he capability to communicate via electronic media.	439
T1.4.1.10	RECEIVE CLEARANCE DISAPPROVAL/ DENIAL FROM ANOTHER CONTROLLER	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439

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T1.4.1.11	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED CLEARANCE	3.7,2.1.3.5-00	WEATHER PROCESSING CAPABILITY	43
		3.7.2.1.3.5-Ø1	The TCCC shall accept digitized weather maps and weather text data from the ACCC and display them at tower control positions.	43
		3.7.2.2.1.1.1-00	SITUATION DISPLAY	44
		3.7.2.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	44
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	44
		3.7.2.2.1.1.1.7-80	GRAPHIC WEATHER FROM ATC RADARS	4:
		3.7.2.2.1.1.1.7-91	The Situation Display shall, at the controller's option, display graphic weather constructed from data obtained from Air Traffic Control radars.	44
		3.7.2.2.1.1.1.8-00	GRAPHIC WEATHER FROM REAL TIME WEATHER PROCESSOR (RWP)	44
		3.7.2.2.1.1.1.8-Ø1	The Situation Display shall, at option of the controller, display graphic weather products obtained from the Real Time Weather Processor.	4.
		3.7.2.2.1.1.1.8-02	Hazardous Area Outlines shall be coded to denote current oreas, predicted areas, the type of weather, and hazardous weather alerts.	4
		3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	4
		3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	4
		3.7.2.2.1.1.5-00	SPECIAL LISTS	4
T1.4.1.12	RECEIVE ALTERNATE SUGGESTION FOR CLEARANCE/ APPROVAL REQUESTED OF ANOTHER CONTROLLER	3.7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.3.7-01	The TCCC shall provide the capability to cramunicate via electronic media.	4
T1.4.2.1	RECEIVE NOTICE OF SPECIAL CONDITION/ EMERGENCY	3.7.2.1.3,7-00	ATC MAIL	4
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4
T1.4.2.3	FORWARD SPECIAL CONDITION/ EMERGENCY INFORMATION TO SUPERVISOR/ OTHER CONTROLLER	3.7.2,1.3.7-88	ATC MAIL	4

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T1.4.2.3 (cont'd)	FORWARD SPECIAL CONDITION/ EMERGENCY INFORMATION TO	3.7.2.1.3.7-81	The TCCC shall provide the capability to communicate via electronic media.	439
T1.4.2.5	SUPERVISOR/ OTHER CONTROLLER CONDUCT VISUAL/ RADAR IDENTIFICATION OF NORDO/ OVERDUE AIRCRAFT	3.7.2.2.1.1.1-ชัติ	SITUATION DISPLAY	442
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2.1.1.1.3-02	All targets detected by surveillance sensors (transponder, radar or radar-reinforced transponder) shall be available for presentation on the Situation Display.	44
		3.7.2.2.1,1,1.3-04	The Situation Display shall contain current position data for various categories of targets and tracks, and position history data for targets.	44
		3.7.2.2.1.1.3-14	The ident indicator shall be coded within the target position symbol.	44
		3.7.2.2.1.1.1.3-24	The information conveyed in the track position symbol and full Data Block shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot-Reported Altitude and Indication of Pilot-Reported Altitude, Handoff Status/Indicator, Exception Beacon Code, (See SLS).	44
		3.7.2.2.1.1.1.3-50	Movement of the displayed data block shall be minimal on a scan-to-scan basis.	44
		3.7.2.2.1.1.1.4-00	TRACK VECTOR	44
		3.7.2.2.1.1.1.4~01	The Situation Display shall contain a velocity/distance vector associated with each track.	44
T1.4.2.6	DECLARE EMTRGENCY AND INVOKE CONTINGENCY PLAN	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
T1.4.2.7	RECEIVE SUPERVISOR NOTICE OF EMERGENCY DECLARED AND CONTINGENCY PLAN INVOKED	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
T1.4.2.8	REVIEW CONTINGENCY CHECKLIST ON STATIC DISPLAY	3.7.2.2.1.1.7-80	STATIC INFORMATION DISPLAY	46
		3.7.2.2.1.1.7-07	static display data items containing emergency operations or contingency plan checklists shall be arrenged and coded so as to be quickly and easily recognized, accessed, and utilized.	47

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T1.4.2.9	INFORM DESIGNATED PERSONNEL OF SPECIAL CONDITION/ EMERGENCY	3.7.2.1.3.7-00	ATC MAIL	435
		3.7.2.1.3.7-01	The TCCC shall provide the copability to communicate via electronic media.	439
T1.4.2.10	RECEIVE NOTICE OF TERMINATION OF SPECIAL CONDITION/ EMERGENCY	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T1.4.2.11	FORWARD NOTICE OF TERMINATION CF SPECIAL CONDITION/ EMERGENCY	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T1.4.3.3	RECEIVE NOTICE OF SPECIAL OPERATION	3.7.2.1,3.7-00	ATC MAIL	435
		3.7.2.1.3.7-#1	The TCCC shall provide the copobility to communicate via electronic media.	439
T1.4.3.2	PERCEIVE PRESENCE OF SPECIAL OPERATION	3.7.2.2.1.1.1-80	SITUATION DISPLAY	44;
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2,1.1.1.3-24	The information conveyed in the track position symbol and Full Data Block shall be adoptable from the following set of data: Callsign, Mode C Altitude or Pilot-Reported Altitude and Indication of Filot-Reported Altitude, Handoff Status/Indicator, Exception Beacon Code, (See SLS).	444
		3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	451
		3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	45
		3.7.2.2.1.1.3-03	Data for this display are summarized in Tables 3.7-11 A, 8, and C (A&M Duta, Airport Environmental Data, System Status Data).	45:
ĭ1,4,3.3	INFORM OTHERS OF SPECIAL OPERATION	3.7.2.1.3.7-80	ATC MAIL	43
		3.7.2.1.3,7-01	The TCCC shall provide the capobility to communicate via electronic media.	63
11.4.3.5	RECEIVE NOTICE OF TERMINATION OF SPECIAL OPERATION	3.7.2.1.3.7-00	ATC MAIL	43
		J 7.2.1 3.7-81	The TCCC shall provide the capability to communicate via electronic media.	43

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T1.4.3.6	ENTER TERMINATION OF SPECIAL OPERATION	3.7.2.2.1.2.3~20	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	481
		3.7.2.2.1.2.3-22	f. System Status Data Changes: The controller shall be able to change the System Status Data that are listed in Table 3.7-11C.	482
11.4.4.3	RECEIVE FLIGHT PLAN AMENDMENT FROM COMPUTER	3.7.2.1.3.2-60	FLIGHT PLAN PROCESSING CAPABILITY	436
		3.7.2.1.3.2-01	The TCCC shall accept and maintain flight plans (IFR and VFR) and make these data available for display.	436
		3.7.2.1.3.2-03	Limited flight data shall be automatically routed to list displays specified in paragraph 3.7.2.2.1.1.2.	437
		3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	450
		3.7.2.2.1.1.2-05	The capability shall be provided to emphasize or otherwise distinguish a displayed field or part of a field in a FDE by several coding techniques.	451
·		3.7.2.2.1.1.2-06	Fields shall be emphasized to call the controller's attention to them for various reasons; there is an alert active on the aircroft, an action is required by the controller, the field needs to be easily recognized by the controller.	451
		3.7.2.2.1.1.2-12	Option 1 shall provide automatic update of information in the FDE with emphasis of the new data.	451
		3.7.2.2.1.1.2-15	Option 2 shall provide automatic update in the FDE with emphasis of the new data and shall require controller acknowledgment to delete the emphasis.	451
		3.7.2.2.1.1.2-16	Option 3 shall provide for the new data and the existing data to be displayed simultaneously and in close proximity within the FDE.	45
11.4.4.4	EMPHASIZE FDE POSTING FOR REMINDER ACTION	3.7.2.2.1.1.2-00	FLIGHT DAYA DISPLAY	456
		3.7.2.2.1.1.2-04	The controller shall be provided the capability to emphasize on entire FDE with some display roding technique and subsequently to restore the FDE to its normal display.	45
		3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	470
		3.7.2.2.1.2.2-22	 FDE and Data Field Emphasis: Flight Identification, Field to be Emphasized, 	47

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[1.4.4.4 (cont*d)	EMPHASIZE FDE POSTING FOR REMINDER ACTION	3.7.2.2.1.2.2-23	i. FDE and Dato Field Emphasis: This message shall enable the controller to odd, modify, or delete an emphasis on certain data fields in Table 3.7-11.	47
11.4.4.5	ENTER FLIGHT PLAN AMENOMENT	3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	47
		3.7.2.2.1.2.2-01	The data fields shall be input in an order that facilitates the human interface.	47
		3.7.2.2.1.2.2-03	a. Flight Data Amendment: Flight Identification, Field to be Modified, New Data.	47
		3.7.2.2.1.2.2-04	a. Flight Data Amendment: This message shall be used to modify, add to, or delete previously entered flight data for any flight plan.	47
		3.7.2.2.1.2.2- 0 5	a. Flight Data Amendment: This message shall be used to enter a flight rule change from either VFR to IFR or IFR to VFR.	4;
		3.7.2.2.1.2.2-26	a. Flight Data Amendment: Amendment data, when accepted, shall become part of the flight data base.	4
		5.7.2.2.1.2.2-07	a. Flight Data Amendment: The flight data fields that can be amended are listed in table 3.7-11. (See SLS).	ŀ
Γ1.4.4.7	RECEIVE CONTROLLER ADVICE OF UNABLE FLIGHT PLAN AMENDMENT	3.7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4
T1.4.4.8	DELETE FOE EMPHASIS	3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	4
		3.7.2.2.1.1.2-04	The controller shall be provided the copability to emphasize an entire FDE with some display coding technique and subsequently to restore the FDE to its normal display.	4
		3.7.2.2.1.2.2-ติด	FLIGHT DATA CHANGES	
		3.7.2.2.1.2.2-22	 FDE and Data Field Emphasis: Flight Identification, Field to be Emphasized, Emphasized Data. 	
		3.7.2.2.1.2.2-23	i. FDE and Data Field Emphasis: This message shall enable the controller to add, modify, or delete an emphasis on certain data fields in Table 3.7-11.	
T1.4.4.9	INFORM CONTRULLER UNABLE FLIGHT PLAN AMENOMENT	3.7.2.1.3.7-00	ATC MAIL	
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	

Tosk Number	Task Stutement	Paragraph Number	Requirement	Pag No
1.4.4.18	TRANSFER FDE TO CLEARANCE DELIVERY/ FLIGHT DATA FOR AMENOMENT	3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	47
		3.7.2.2.1.2.2-44	t. Transfer for Amendment; Flight Identification.	47
		3.7.2.2.1.2.2-45	t. Transfer for Amendment: This message shall be used to route to a Clearance Delivery/Flight Cata position the identification of a departure flight for which a flight plan data modification is required.	47
		3.7.2.2.1.2.2-46	t. Transfer for Amendment: After the appropriate modifications are made, the new flight data shall be displayed to the requesting position with amended fields emphasized for acknowledgement.	47
ï1.4.5.1	RECEIVE HANDOFF REQUEST	3.7.1.1,3.2.8.2-00	HANDOFF OF CONTROLLED TRACKS	27
		3.7.1.1,3,2.8.2-02	The outomatic handoff function shall be provided in and between the en route, approach control, and tower environments.	27
		3.7.1.1.3.2.8.2-17	The controller shall have the capability to manually initiate a handoff for a specific controlled track to a specific sector or facility.	27
		3.7.2.1.3.3-00	HANDOFF OF CONTROLLED TRACKS	43
		3.7.2.1.3.3-01	The TCCC shall accommodate automatic and manual handoff of controlled tracks in accordance with paragraph 3.7.1.1.3.2.8.	4
		3.7.2.2.1.1.1-00	SITUATION DISPLAY	4
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	4
		3.7.2.2.1.1.1.3-18	Handoff indicators shall be coded within the track position symbol, leader line or full data black to denote the identification of the sector receiving the handoff.	4
		3.7.2.2.1.1.1.3-25	Handoff status shall denote when a handoff has been initiated, accepted or retracted for a track.	4
		3.7.2.2.1.1.1.3-26	The identity of the receiving sector/position shall be denoted to both the initiving and receiving sectors/positions.	4
11,4.5.2	DENY HANDOFF	3.7.2.2.1.2.1-00	TRACK CONTROL	} 4
		3.7.2.2.1.2.1-#3	a. Accept/Retract Hundoff: Flight Identification, (Reject Indicator).	1

Task Number	Task Statement	Paragraph Number	Requirement	Page No
T1,4.5.2 (cont'd)	DENY HANDOFF	3.7.2.2.1,2.1-04	a. Accept/Retract Handoff: This message shall be used to assum? or reject control of a single track whose initiate handoff message was addressed to the entering position.	47
11.4.5.3	ACCEPT VERBAL HANDOFF/ INITIATE MANUAL TRACK START	3.7.2.2.1.1.1-00	SITUATION DISPLAY	44;
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2.1.2.1-00	TRACK CONTROL	47
		3.7.2.2.1.2.1-06	b. Track: Flight Identification, Track Action (Coast, Start, Drop. etc.), (Track Start Position), (Speed), (Heading), (Assigned Altitude).	47
		3.7.2.2.1,2.1-07	b. Trock: This message shall be used to change the tracking status of an aircraft.	472
T1.4.5.4	ACCEPT AUTOMATIC HANDOFF	3.7.1.1.3.2.8.2-พีซี	HANDOFF OF CONTROLLED TRACKS	277
		3.7.1.1.3.2.8.2-18	The controller receiving the handoff of a track shall be provided the capability to take control by making an accept handoff action.	278
		3.7.2.1.5.5-00	HANDOFF OF CONTROLLED TRACKS	437
		3.7.2.1.3.3-Ø1	The TCCC shall accommodate automatic and manual handoff of controlled tracks in accordance with paragraph 3.7.1.1.3.2.8.	437
		3.7.2.2.1.2.1-00	TRACK CONTROL	47
		3.7.2.2.1.2.1-03	a. Accept/Retract Hondoff: Flight Identification, (Reject Indicator).	47
		3.7-2.2.1.2.1-04	a. Accept/Retruct Handoff: This message shall be used to assume or reject control of a single track whose initiate handoff message was addressed to the entering position.	47
T1.4.5.6	VERIFY AIRCRAFT ALTITUDE WITH PILOT ON TRANSFER OF CONTROL	3.7.2.2.1.1.1-00	SITUATION DISPLAY	442
		3.7.2.2.1.1.1.3-ØØ	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2.1.1.1.3-24	The information conveyed in the track position symbol and Full Data Block shall be adoptable from the following set of data: Callsign, Mode C Altitude or Pilot-Reported Altitude and Indication of Pilot-Reported Altitude, Handoff Status/Indicator, Exception Beacon Code, (See SLS).	441
		3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	458

Task Number	Task Statement	Paragraph Number	Requirement	Poge No.
T1.4.5.7	DETERMINE RESPONSE TO HANDOFF REQUEST	3.7.2.2.1.1.1-00	SITUATION DISPLAY	442
		3.7.2.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	443
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2.1.1.1.3-24	The information conveyed in the track position symbol and Full Data Block shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot-Reported Altitude and Indication of Pilot-Reported Altitude, Handoff Status/Indicator. Exception Beacon Code, (See SLS).	444
T1.4.6.1	DETECT MANUAL HANDOFF MODE INDICATION	3.7.1.1.3.2.8.2-00	HANDOFF OF CONTROLLED TRACKS	277
		3.7.1.1.3.2.8.2-10	 The automatic handoff function shall generate a handoff alert indication when: The automatic handoff function is inhibited for a track. 	278
		3.7.2.1.3.3-00	HANDOFF OF CONTROLLED TRACKS	43
		3.7.2.1.3.3-81	The TCCC shall accommodate automatic and manual handoff of controlled tracks in accordance with paragraph 3.7.1.1.3.2.8.	43
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	44
		3.7.2.2.1.1.1.3-35	The handoff alert indication shull denote any of the following conditions: when a handoff, which was automatically initiated, has not been accepted after a parameter designated time; when the automatic handoff function is inhibited for a track; when a handoff, which was manually (See SLS).	44!
71,4.6.3	INITIATE HANDOFF FUNCTION	3.7.1.1.3.2.8.2-00	HANDOFF OF CONTROLLED TRACKS	27
		3.7,1.1,3.2.8.2-17	The controller shall have the capability to manually initiate a handoff for a specific controlled track to a specific sector or facility.	27
		3.7.2.1.3.3-00	HANDOFF OF CONTROLLED TRACKS	43
		3.7.2.1.3.3-01	The TCCC shall accommodate automatic and manual handoff of controlled tracks in accordance with paragraph 3.7.1.1.5.2.8.	43
		3.7.2.2.1.2.1-00	TRACK CONTROL	47
		3.7.2.2.1.2.1-09	c. Initiate Handoff: Flight Identification, Position or Facility.	47
		3.7.2.2.1.2.1 ·10	c. Initiate Handoff: This message shall be used to manually initiate the transfer of control of a tracked aircraft from one position or facility to another.	47

Task Number	Task Statement	Paragraph Number	Raquirement	Page No.
T1.4.6.4	OBSERVE AUTOMATIC INITIATION OF HANOOFF	3.7.1.1.3.2.8.2-ØØ	HANDOFF OF CONTROLLED TRACKS	277
		3.7.1.1.3.2.8.2-01	The ACCC shall determine when controlled tracks should be handed off to oppropriate sectors or facilities.	277
		3.7.1.1.3.2.8.2-02	The automotic handoff function shall be provided in and between the en route, approach control, and tower environments.	277
		3.7.1.1.3.2.8.2-Ø5	When the trock position passes the computed or adapted point, the track shall be automatically placed in the handoff status.	278
		3.7.1.1.3.2.8.2-07	The capability shall be provided to automatically initiate handoffs on tracks that are assigned a block altitude.	278
		3.7.2.1.3.3-8Ø	HANDOFF OF CONTROLLED TRACKS	437
		3.7.2.1.3.3-01	The TCCC shall accommodate automatic and manual handoff of controlled tracks in accordance with paragraph 3.7.1.1.3.2.8.	437
		3.7.2.2.1.1.1-00	SITUATION DISPLAY	442
	3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443	
		3.7.2.2.1.1.1.3-24	The information conveyed in the track position symbol and Full Data Block shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot-Reported Altitude and Indication of Pilot-Reported Altitude, Handoff Status/Indicator, Exception Beacon Code, (See SLS).	444
		3.7.2.2.1.1.1.3-25	Handoff status : nall denote when a handoff has been initiated, accepted or retracted for a track.	445
		3.7.2.2.1.1.1.3-26	The identity of the receiving sector/position shall be denoted to both the initiating and receiving sectors/positions.	445
T1.4.6.5	DETECT HANDOFF ALERT INDICATION	3.7.1.1.3.2.8.2-00	HANDOFF OF CONTROLLED TRACKS	277
		3.7.1.1.3.2.8.2-09	1. The automatic handoff function shall generate a handoff alert indication when: A handoff, which was automatically initiated, has not been accepted after a parameter designated time.	278
		3.7.1.1.3.2.8,2-10	 The automatic handoff function shall generate a handoff alert indication when: The automatic handoff function is inhibited for a track, 	278

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
T1.4.6.5 (cont'd)	DETECT HANDOFF ALERT INDICATION	3.7.1.1.3.2.6.2-11	3. The automatic handoff function shall generate a handoff alert indication when: A handoff, which was manually initiated, has not been accepted at the time the track reaches a parameter distance from the sector boundary.	278
		3.7.2.1.3.3-00	HANDOFF OF CONTROLLED TRACKS	43
	3.7.2.1.3.3-01	The TCCC shall accommodate automatic and manual handoff of controlled tracks in accordance with paragraph 3.7.1.1.3.2.8.	43	
	3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	44	
		3.7.2.2.1.1.1.3-35	The handoff alert indication shall denote any of the following conditions: when a handoff, which was automatically initiated, has not been accepted after a parameter designated time; when the automatic handoff function is inhibited for a track; when a handoff, which was manually (See SLS).	44
		3.7.2.2.1.1.1.3-37	The following emergency and alert conditions shall be coded in the full data block to elicit immediate attention by the controller when applicable. (See SLS)	44
	3.7.2.2.1.1.1.3-38	If the FD0 is being suppressed from display, then it shall automatically be displayed when any of the following conditions are present: Beacon Code 7700 (Emergency), 7600 (Radio Failure) and adaptable codes for Hijack. Suspect Aircraft, and other possible uses; Conflict Alert; (See SLS).	44	
T1.4.6.6	RETRACT HANDOFF	3.7.2.2.1.2.1-00	TRACK CONTROL	43
		3.7.2.2.1.2.1-03	 a. Accept/Retract Handoff: Flight Identification, (Reject Indicator). 	4
		3.7.2.2.1.2.1-05	a. Accept/Retract Handoff: If the message is entered for an aircraft already under control of the position or facility entering the message, it shall be interpreted as a retraction of the transfer of control.	47
T1.4.6.7	RECEIVE HANDOFF REJECTION	3.7.2.2.1.1,1-00	SITUATION DISPLAY	4
		3.7.2.2.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	4
	3,7,2.2,1.1.1.3-25	Handoff status shall denote when a hondoff has been initiated, accepted or retracted for a track.	4	
		3.7.2.2.1.2.1-00	TRACK CONTROL	4
		3.7.2.2.1.2.1-03	a. Accept/Retract Handoff: Flight Identification, (Reject Indicator).	

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
71.4.6.7 (cont'd)	RECEIVE HANDOFF REJECTION	3.7.2.2.1.2.1-84	a. Accept/Retract Handoff: This message shall be used to assume or reject control of a single track whose initiate handoff message was addressed to the entering position.	47
T1.4.6.8	RECEIVE HANDOFF ACCEPTANCE	3.7.2.2.1.1.1~60	SITUATION DISPLAY	44
		3.7.2.2.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	44
		3.7.2.2.1.1.3.3-25	Handoff status shall denote when a handoff has been initiated, accepted or retracted for a track.	44
		3.7.2.2.1.1.3-26	The identity of the receiving sector/position shall be denoted to both the initiating and receiving sectors/positions.	44
T1.4.7.1	INITIATE POINTOUT	3.7.2.2.1.2.1-00	TRACK CONTROL	47
		3.7.2.2.1.2.1-15	f. Initiate Paintout: Flight Identification, Position or Facility.	47
		3 7.2.2.1.2.1-16	f. Initiate Pointout: This message shall be used to request the display of a Full Data Block at another position's or facility's Situation Display.	47
T1.4.7.2	OBSERVE AUTOMATIC INITIATION OF POINTOUT TO ANOTHER CONTROLLER	5.7.2.2.1.1.1-ฮีซ์	SITUATION DISPLAY	4.4
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	4
		3.7.2.2.1.1.3-24	The information conveyed in the track position symbol and Full Data Block shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot-Reported Altitude and Indication of Pilot-Reported Altitude, Hundoff Status/Indicator, Exception Beacan Code, (See SLS).	44
		3.7.2.2.1.1.1.3-33	The initiating sector's/position's pointout indicator shall denote the receiving sector's/position's identification and either an acceptance or a rejection.	4
		3.7.2.2.1.1.1.3-37	The following emergency and alert conditions shall be coded in the full data block to elicit immediate attention by the controller when applicable. (See SLS)	4.
		3.7.2.2.1.1.1.3-38	If the FDB is being suppressed from display, then it shall automatically be displayed when any of the following conditions are present: Beacon Code 7700 (Emergency), 7600 (Radio Failure) and adaptable codes for Hijack, Suspect Aircroft, and other possible uses; Conflict Alert; (See SLS).	4
T1.4.7.3	DETECT MANUAL POINTOUT MODE INDICATION	3.7.2.2.1.1.1-00	SITUATION DISPLAY	4

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Task Number	Task Statement	Paragraph Number	Requirement	No.
T1,4,7,3 (cont.'d)	DETECT MANUAL POINTOUT MODE INDICATION	3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2.1.1.1.3-24	The information conveyed in the track position symbol and Full Data Block shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot-Reported Altitude and Indication of Pilot-Reported Altitude, Handoff Status/Indicator. Exception Beacon Code, (See SLS).	444
T1.4.7.5	RECCIVE REJECTION OF POINTOUT	3.7.2.2 <i>.</i> 1.1.1-00	SITUATION DISPLAY	442
		3.7.2.2,1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2.1.1.1.3-24	The information conveyed in the track position symbol and Full Data Block shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot-Reported Altitude and Indication of Pilot-Reported Altitude, Hondoff Status/Indicator, Exception Beacan Code, (See SLS).	444
		3.7.2.2,1.1.1.3-33	The initiating sector's/position's pointout indicator shall denote the receiving sector's/position's identification and either an acceptance or a rejection.	445
1		3.7.2.2.1.2.1-00	TRACK CONTROL	471
		3.7.2.2.1.2.1-41	m. Pointout Accept/Reject: This message shall provide the means for the controller to accept or reject a Data Block Pointout.	474
		3.7.2.2.1.2.1-42	m. Pointout Accept/Reject: An indication of the response shall be sent to the sending position.	474
T1.4.7.6	RECEIVE ACCEPTANCE OF POINTOUT	3.7.2.2.1.1.1-00	SITUATION DISPLAY	442
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2.1.1.1.3-24	The information conveyed in the track position symbol and Full Data Block shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot-Reported Altitude and Indication of Pilot-Reported Altitude, Handoff Status/Indicator, Exception Beacon Code, (See SLS).	444
		3.7.2.2.1,1.1.3-33	The initiating sector's/position's pointout indicator shall denote the receiving sector's/position's identification and either an acceptance or a rejection.	445
		3.7.2.2.1.2.1-00	TRACK CONTROL	471
		3.7.2.2.1.2.1-41	m. Pointout Accept/Reject: This message shall provide the means for the controller to accept or reject a Data Block Paintout.	474
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T1.4.7.6 (Cont'd)	RECEIVE ACCEPTANCE OF POINIOUT	5.7.2.2.1.2.1-42	m. Pointout Accept/Reject: An indication of the response shall be sent to the sending position.	474
T1,4,8.1	RECEIVE POINTOUT	3.7.2.2.1.1.1-00	SITUATION DISPLAY	442
		3.7.2,2.1.1,1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2.1.1.1.3-24	The information conveyed in the track position symbol and Full Data Black shall be adoptable from the following set of data: Callsign, Mode C Altitude or Pilot-Reported Altitude and Indication of Pilot-Reported Altitude, Handoff Status/Indicator, Exception Beacon Code, (See SLS).	444
		3.7.2.2.1.1.1.3-32	The receiving sector's/position's pointout indicator shall denote the receiving sector's/position's identification.	445
		3.7.2.2.1.1.1,5-37	The fallowing emergency and alert conditions shall be coded in the full data block to elicit immediate attention by the controller when applicable. (See SLS)	445
		3.7,2,2,1,1,1,3-38	If the FDB is being suppressed from display, then it shall automatically be displayed when any of the following canditions are present: Beacon Code 7700 (Emergency), 7600 (Radio Foilure) and adaptable codes for Hijack, Suspect Aircraft, and other possible uses; Conflict Alert; (See SLS).	445
		3.7.2.2.1.1.1.3-40	Some of the conditions that shall result in display of a Full Data Block for a track are: (See SLS)	446
T1.4.8.2	ACCEPT POINTOUT	3.7.2.2.1.2.1-00	TRACK CONTROL	471
		3.7.2.2.1.2.1-40	m. Pointout Accept/Reject: Flight Identification, (Reject Indicator).	474
		3.7.2.2.1.2.1-41	m. Pointout Accept/Reject: This message shall provide the means for the controller to accept or reject a Data Block Pointout.	474
71.4.8.3	ACCEPT VERBAL POINTOUT/ START TRACK	3.7.2.2.1.1.1-00	SITUATION GISPLAY	442
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2.1.2.1-00	TRACK CONTROL	471
		3.7.2.2.1.2.1-Ø6	b. Track: Flight Identification, Track Action (Coast, Start, Drop, etc.), (Track Start Position), (Speed), (Heading), (Assigned Altitude).	471
		3.7.2.2.1.2.1-07	b. Track: This message shall be used to change the tracking status of an aircraft.	472

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1.4.8.4	DENY POINTOUT	3.7.2.2.1.2.1-00	TRACK CONTROL	47
		3.7.2.2.1.2.1-40	m. Pointout Accept/Reject: Flight Identification, (Reject Indicator).	47
		3.7.2.2.1.2.1-41	m. Pointout Accept/Reject: This message shall provide the means for the controller to accept or reject a Data Block Pointout.	47
1.4.8.5	TRANSFER FOE TO OVERFLIGHT	3.7.2.2.1.1.2.6-80	OVERFLIGHT LIST	45
		3.7.2.2.1.1.2.6-03	a. Posting - Entries shall be posted when the controller designates an aircraft to be posted in the list.	45
1.4.3.1	APPROVE CLEARANCE REQUEST	3,7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4.
1.4.9.3	DENT/ CLEARANCE REQUEST	3.7.2.1.3.7-00	ATC MAIL	4
		3./.2.1.3.7-Ø1	The TCCC shall provide the capability to communicate vio electronic media.	4
.4.9.5	ISSUE CLEARANCE THROUGH FSS/ ACF/ OTHER PILOT FOR RELAY TO PILOT	3.7.2.1.3,7-00	ATC MAIL	4
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4
1.4.9.6	VERIFY AIRCRAF COMPLIANCE WITH CLEARANCE	3.7.2.2.1.1.1-80	SITUATION DISPLAY	
		3.7.2.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	
		3.7.2.2.1.1.1.3-04	The Situation Display shall contain current position data for various categories of targets and tracks, and position history data for targets.	
		3.7.2.2.1.1.1.4-00	TRACK VECTOR	
		3.7.2.2.1.1.1.4-81	The Situation Display shall contain a velocity/distance vector associated with each track.	
1.4.9.8	SUGGEST ALTERNATIVES TO CLEARANCE REQUEST FROM CONTROLLER	3.7.2.1.3.7-00	ATC MAIL	
		3.7.2.1.3.7-#1	The TCCC shall provide the capability to communicate via electronic media.	

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
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1.4.10.1	INHIBIT AUTOMATIC HANDOFF FOR ALL TRACKS OR FOR DESIGNATED TRACK	3.7.2.2.1.2 1-00	1RACK CONTROL	47
		3.7.2.2.1 2.1-11	d. Enable/Inhibit Automatic Handoff: (Flight Identification), (Position or Facility).	47
		3.7.2.2.1.2.1-12	d. Enable/Inhibit Automatic Handoff: This message shall provide the capability for enabling or inhibiting the automatic handoff initiation function for the entering position for a specified aircraft or for all flights to be handed off to a specified position or facility.	47
11.4.10.2	RESTORE AUTOMATIC HANDOFF FOR ALL TRACKS OR FOR DESIGNATED TRACK	3.7.2.2.1.2.1-00	TRACK CONTROL	43
!		3.7.2.2.1.2.1-11	d. Enable/Inhibit Automatic Handoff: (Flight Identification), (Position or Facility).	4
		3.7.2.2.1.2.1-12	d. Enable/Inhibit Automatic Handoff: This message shall provide the capability for enabling or inhibiting the cutomatic handoff initiation function for the entering position for a specified directoft or for all flights to be handed off to a specified position or facility.	47
T1.4,10.3	RESTORE AUTOMATIC POINTOUT FOR SECTOR/ TRACK	3.7.2.2.1.2.1∺ช่ซึ	TRACK CONTROL	4
		3.7.2.2.1.2.1-17	g. Enable/Inhibit Automatic Pointout: (Flight Identification), (Sector or Facility).	4
		3.7.2.2.1.2.1-18	g. Encole/Inhibit Automatic Pointout: This message shall be used to inhibit or enable automatic initiation of pointout originating from this sector, for a specified aircraft or for all flights approaching a specified sector or facility.	4
11.4.18.4	INHIB.T AUTOMATIC POINTOUT FOR SECTOR/ TRACK	3.7.2.2.1.2.1-00	TRACK CONTROL	4
		3.7.2.2.1.2.1-17	g. Enable/Inhibit Automatic Pointout: (Flight Identification), (Sector or Facility).	4
		3.7.2.2.1.2.1-18	g. Enable/Inhibit Automotic Pointout: This message shall be used to inhibit or enable outomatic initiation of pointout originating from this sector, for a specified aircraft or for all flights approaching a specified sector or facility.	
T1.5,1.1	REQUEST WEATHER INFORMATION	3.7.1.1.3.6-00	WEATHER PROCESSING CAPABILITY	
		3.7.1.1.3.6-02	The ACCC shall segment and distribute all weather products within the computer complex and to associated TCCCs based on adaptation or on request by the controllers.	

Task Number	Task Statement	Paragroph Number	Requirement	Page No.
T1.5.1.1 (cont'd)	REQUEST WEATHER INFORMATION	3.7.1.1.3.6.1-00	PROCESSING OF GRACUIC WEATHER DATA	297
(Come d)		3.7.1.1. 3 .6.1- 0 5	The ACCC shall ac pt and process weather data from ATC rad in and display the weather data.	298
		3,7.1.1.3.6.1-#6	The ACCC shall store this graphic ATC weather information and distribute it to operational positions and associated TCCCs based on adaptation or an request by the controllers.	298
		3.7.1.1.3.6,1-07	The ACCC shall send updates to operational positions and TCCCs for weather data currently being displayed.	298
		3.7.1.1.3.6.2~00	ALPHANUMERIC MEATHER DATA	298
		3.7.1.1.3.6.2-06	The ACCC shall store these alphanumeric weather products and distribute them to operational positions and associated TCCCs based on adaptation and on request by the controllers.	298
		3,7.1.1.3.6.2~18	Additionally, controllers shall be able to request PIREPs by geographic area around a fix or by geographic area along a line from fix-to-fix and optionally provide altitude limits.	298
		3.7.2.1.3.5-86	WEATHER PROCESSING CAPABILITY	437
		3.7.2.1.3.5-02	Controller input for control of the display of weather data shall be the same as specified for the ACCC Approach Control position.	437
		3,7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
		3.7.2.2.1.1.1.7-68	GRAPHIC WEATHER FROM ATC RADARS	445
		3.7.2.2.1.1.1.7-01	The Situation Display shall, at the controller's option, display graphic weather constructed from data obtained from Air Traffic Control radars.	445
		3.7.2.2.1.1.1.7-#2	The controller shall be able to select one, two, and three levels of precipitation for simultaneous display.	44
		3.7.2.2.1.1,1.6-65	GRAPHIC MEATHER FROM REAL TIME MEATHER PROCESSOR (RMP)	44
		3.7.2.2.1.1.1,8-01	The Situation Display shall, at option of the controller, display graphic weather products obtained from the Real Time Weather Processor.	44



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rusk Number	Task Statement	Paragraph Number	Requirement	No
I1.5.1.1 (cont'd)	REQUEST WEATHER INFORMATION	3.7.2.2.1.1.1.8-06	The controller shall be able to select an individual altitude layer or to combine altitude layers of a product such that one maximum intensity in a grid cell is displayed.	44
		3.7.2.2.1.1.1.8-07	It shall be possible to select for concurrent display six intensity levels of layered precipitation, six Intensity levels of layered turbulence, the echo tops mosaic, one hazardous weather area outline product, one IFR area outline product, and the point data mosaic product.	44
		3.7.2.2.1.1.1.8-10	The capability shall be provided for automatic and controller-selectable filtering by geographic area and altitude.	44
		3.7.2.2.1.1.3-ผม	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	45
		3.7.2.2.1.1.3-03	Data for this display are summorized in Tables 3.7–11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	45
		3.7.2.2.1.1.3-29	h. Aeronautical and Meteorological (A&M) Data Paga - The A&M Data page small contain aeronautical and meteorological information that may be of interest to the controller.	468
		3./.2.2.1.1.3-30	h. Aeronautical and Meteorological (A&M) Dota Poge - The controller shall be able to request all NOTAMs and PIREPs applicable to the airport, the current ATIS message, weather for pilot requested airports, etc.	466
T1.5.1.2	RECEIVE WEATHER ADVISORY FROM ANOTHER CONTROLLER/ SUPERVISOR	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T1.5.1.3	OBSERVE SIGNIFICANT AERONAUTICAL AND METEOROLOGICAL DATA	5.7.2.2.1.1.3-00	SYSTEM ENVIRUNMENTAL AND STATUS DATA DISPLAY	456
		3.7.2.2.1.1,3-02	Data for this display shall contain only aiphanumerics.	458
		3.7.2.2.1.1.3-29	h. Aeronautical and Meteorological (A&M) Data Page - The A&M Data page shall contain aeronautical and meteorological information that may be of interest to the controller.	461
		3.7.2.2.1.1.4-00	ALERT AND RESOLUTION DISPLAY	465
		3.7.2.2.1.1.4-47	Aeronautical and mateorological alerts, such as SIGMETs and AIRMETs and urgent PIREPs shall be displayed in the Alert Display for controller acknowledgement.	465
T1.5.1.5	ENTER PIREP INTO SYSTEM	3.7.2.1.3.5-00	WEATHER PROCESSING CAPABILITY	437

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Task Number	Task Statement	Paragraph Number	Requirement	No.	
[1.5.1.5 (cont'd)	ENTER PIREP INTO SYSTEM	3.7.2.1.3.5-02	Controller input for control of the display of weather data shall be the same as specified for the ACCC Approach Control position.	437	
		3.7.2.2.1.2.3-00	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	481	
		3.7.2.2.1.2.3-08	<pre>d. PIREP: (Flight Identification), (Type Aircroft), (Location), (Time), (Coordination), Text.</pre>	481	
		3.7.2.2.1.2.3-Ø9	d. PIREP: This message shall be used to generate and route a pilot report via the parent ACCC to any designated ACCC positions or associated TCCCs that are included in the Coordination field.	481	
		3.7.2.2.1.2.3-18	d. PIREP: Either flight identification or type must be entered.	481	
		3.7.2.2.1.2.3-11	d. PIREP: If type but not flight identification is provided, the location must also be provided.	481	
		3.7.2.2.1,2.3-12	3.7.2.2.1,2.3-12	d. PIREP: If flight identification but not type is provided, then type shall be provided by the AAS based on the flight data base.	482
		3.7.2.2.1.2.3-13	d. PIREP: When location and time are not provided by the controller, they shall be provided by the AAS based on current time and present position of the aircraft.	482	
11.5.1.6	OBSERVE WEATHER AREA/ INTENSITY/ CEILING/ BASE/ HEIGHT/ MOVEMENT/ VISIBILITY/ WINDS	3.7.2.2.1,1,1-00	SITUATION DISPLAY	442	
		3.7.2.2.1.1.1.7-80	CRAPHIC WEATHER FROM ATC RADARS	449	
		3.7.2.2.1.1.1,7-#1	The Situation Display shall, at the controller's option, display graphic weather constructed from data obtained from Air Traffic Control radars.	449	
		3.7.2.2.1.1.1.7-02	The controller shall be able to select one, two, and three levels of precipitation for simultaneous display.	449	
		3.7.2.2.1.1.1.7-Ø5 3.7.2.2.1.1.1,7-Ø4	Each level shall be easily distinguishable from all others by the controller and shall be annotated with the level.	449	
			The capubility for automatic and controller-selected filtering by geographic area shall be provided.	445	
		3.7.2.2.1.1.1,8-00	GRAPHIC WEATHER FROM REAL TIME WEATHER PROCESSOR (RWP)	449	

T1.5.1.8 OSSERVE MEATHER AREA/ INTENSITY CELLING BASE/ SECONT-0) STORY MEDITAL CELLING BASE/ SECONT-0 STORY MEDITAL CONTROLLER 3.7.2.2.1.1.1.8-01 The Situation Display shall, at aption of the controller, display graphic weather products obtained from the Peal Time Meather Processor. 3.7.2.2.1.1.1.8-02 Hazardous Area Outlines shall be coded to denote current areas, predicted areas, the type of weather, and hazardous weather oversal. 3.7.2.2.1.1.1.8-05 For product shall be coded to denote current areas and predicted areas. 3.7.2.2.1.1.1.8-06 The controller shall be easily distinguishable from sill others by the controller and annotated as to the product. 3.7.2.2.1.1.1.8-07 The controller shall be easily distinguishable from sill others by the controller and envolved as to the product. 3.7.2.2.1.1.1.8-07 The controller shall be dolled to select on institution distinguishable from sill others by the controller and envolved as to the product. 3.7.2.2.1.1.1.8-07 The controller shall be dolled to select on institution distinguishable and the product of injured outpallers, the exhibition of injured outpallers of injured outpallers, the exhibition of injured outpallers of injured outpallers, the exhibition of injured outpallers of injured outpallers. 3.7.2.1.1.1.8-09 Malling injured in the controllers o	Task Statement	Requirement	Po
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CONTROLLER 3.7.1.1 3.6.2-15 The ACCC shall also route PIREP messages to the RUP and to positions designated in the	3.7.	TCCC shall provide the capabi municate via electronic media.	ility to
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3.7.1.2.1.1.3-000 AERONAUTICAL AND METEOROLOGICAL DATA DISPLAY	3.7	DNAUTICAL AND METEOROLOGICAL (DATA DISPLAY

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1.5.1,10 cont'd)	FORWARD URGENT PIREP TO OTHER CONTROLLER	3.7.1.2.1.1.3-05	Controllers shall also have the capability to 'force' the display of PIREPs to other sectors.	34
		3.7.1.2.1.1.3-06	Urgent PIREPs which ore forced shall be coded as an alert to gain the receiving controller's immediate attention.	34
		3.7.2.1.3.5-ผิต	WEATHER PROCESSING CAPABILITY	4
		3.7.2.1.3.5-02	Controller input for control of the display of weather data shall be the same as specified for the ACCC Approach Control position.	4
		3.7.2.1.3.7-08	ATC MAIL	4
		3.7.2.1.3.7~01	The TCCC shall provide the capability to communicate via electronic media.	4
		3.7,2.2.1.2.3-00	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	4
		3.7.2.2.1.2.3-08	<pre>d. PIREP: (Flight Identification), (Type Aircraft), (Location), (Time), (Coordination), Text.</pre>	4
		3.7.2.2.1.2.3-09	d. PIREP: This message shall be used to generate and route a pilot report via the parent ACCC to any designated ACCC positions or associated TCCCs that are included in the Coordination field.	,
1.5.2.2	RECEIVE REQUEST TO OBTAIN	3.7.2.1.3.7-00	ATC MAIL	
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	
1.5.2.3	RECEIVE WEATHER REPORT/ UPDATE	3.7.2 .1.3 .7-00	ATC MAIL	1
		3.7.2.1.3.7-81	The TCCC shall provide the capability to communicate via electronic media.	
		3.7.2.2.1.1.3-60	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	
		3.7.2.2.1.1.3-03	Outa for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	
		3.7.2.2.1.1.3-#6	All displayed information shall be updated automatically when changes are reported.	
		3.7.2.2.1.1.3 -18	 a.9. Critical Data shall include: One meteorological message chosen by the controller. 	
		3.7.2.2.1.1.3-29	h. Aeronautical and Meteorological (A&M) Data Page - The A&M Data page shall contain aeronautical and meteorological information that may be of interest to the controller.	

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1.5.2.4	RECORD WEATHER OBSERVATION	3.7.2.2.1.2.3-00	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	48
		3.7.2.2.1,2.3-84	b. A&M Data Amendment: A&M Data Type, (Station, Location or Area Identifier), (Alritude Limits), Text.	48
		3.7.2.2.1.2.3-05	b. A&M Data Amendment: This message shall be used to modify the data stored in the Aeronautical and Meteorological data base.	48
1.5.2.5	RECEIVE RUNHAY CONDITION DATA	3.7.2.1.3.7~00	ATC MAIL	43
!		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
		3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	4
		3.7.2.2.1.1.3-03	Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	4
		3.7.2.2.1.1.3-12	a.3. Critical Data shall include: Canter-field wind direction, velocity, and gusts.	4
		3.7.2.2.1.1.3-14	a.5. Critical Data shall include: Runway visual range visibility figures for up to 3 RVR's per runway for each of up to five runways and the RVR thresholds for each of the RVR's.	
		3.7.2.2.1.1.3-25	d. RVR Status Page - The RVR Status page shall contain the RVR data for all runways on the airport as opposed to just the runways shown on the critical data page.	
r1.5.2.7	FORWARD RUNWAY CONDITION DATA	3.7.2.1.3.7-00	ATC MAIL	
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	
T1.6.1.1	BRIEF RELIEVING CONTROLLER	3.7.2.2.1.1.7-00	STATIC INFORMATION DISPLAY	
		3.7.2.2.1.1.7-02	The following table lists the data that shall be displayed: (See SLS).	
		3.7.2.2.1.1.7-03	The capability shall be provided to display data items selected from the above lists.	
т1,6.1.3	SIGN OFF AT CONSOLE	3.7.1.2.1.2.9-00	SIGN ON/SIGN OFF	
		3.7.1.2.1.2.9-64	b. Sign Off: User Identification, (Operational Responsibility Designator(s)).	
		3.7.1.2.1.2.9-05	b. Sign Off: This message shall be used to enable a person to sign off an operational position.	
		3.7.2.2.1.2.7-00	SIGN ON/SIGN OFF	

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1.5.1.3 cont'd)	SIGN OFF AT CONSOLE	3.7.2.2.1.2.7-01	The set of messages specified in 3.7.1.2.1.2.9 shall apply.	48
1.6.2.1	SET UP TPC ADAPTATION PARAMETERS	3.7.1.1.3.7.5-00	DISPLAY PREFERENCE SET PROCESSING	3Ø
		3.7.1.1.3.7.5-01	The capability shall be provided for each controller to establish multiple preference sets for each of multiple sectors for a total of 10 preference sets per controller.	30
		3.7.7.1.3.7.5-92	Each display preference set shall be uniquely identifiable and shall contain the location and size of logical display viewports on physical displays, the data item assignments to each brightness control group, the selection of display attributes, and the selection of posting, ordering (See SLS).	34
		3.7.1.1.3,7.5-03	The capability shall be provided for each controller to modify his/her own preference set.	36
		3.7.1.2.1.2.9-00	SIGN ON/SIGN UFF	3
		3.7.1.2.1.2.9-06	c. Modify Display Preference Set: User Identification, Password, Display Preference Identifier, Data to be Changed.	3
		3.7.1.2.1.2.9-07	c. Modify Display Preference Set: This message shall be used to modify one's own display preference set(s).	1
		3.7.2.1.3.9-00	DISPLAY PREFERENCE SET PROCESSING	
		3.7.2.1.3.9-81	The requirements of 3.7.1.1.3.7.5 shall apply.	
		3.7.2.2.1.2.7-00	SIGN ON/SIGN OFF	
		3.7.2.2.1.2.7-01	The set of messages specified in 3.7.1.2.1.2.9 shall apply.	
1.6.2.2	RECEIVE CONTROLLER RELIEF BRIEFING	3.7.2.2.1.1.7-00	STATIC INFORMATION DISPLAY	
		3.7.2.2.1.1.7-02	The following table lists the data that shall be displayed: (See SLS).	
		3.7.2.2.1.1.7-83	The capability shall be provided to display data items selected from the above lists.	
		3.7.2.2.1.1.10-00	CONTROLLER NOTEPAD DISPLAY	
		3.7.2.2.1.1.18-84	These notes shall only be displayed at the entering position and shall remain in the logical display until the controller takes an action to delete them.	

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
1.6.2.4	SIGN ON AT DESIGNATED CONSOLE	3.7.1.2.1.2.9-00	SIGN ON/SIGN OFF	39
		3.7.1.2.1.2.9-84	b. Sign Off: User Identification, (Operational Responsibility Designator(s)).	39
		3.7.1.2.1.2.9-65	b. Sign Off: This message shall be used to enable a person to sign off an operational position.	39
		3.7.2.2.1.2.7-00	SIGN ON/SIGN OFF	48
		3.7.2.2.1.2.7-01	The set of messages specified in 3.7.1.2.1.2.9 shall apply.	48
1.6.2.5	REQUEST IMPLEMENTATION OF TPC ADAPTATION PARAMETERS	3.7.1.1.3.7.5-00	DISPLAY PREFERENCE SET PROCESSING	30
		3.7.1.1.3.7.5-Ø4	The capability shall be provided for the controller to display and to invoke a display preference set selectable from all sets established in the ACCC.	30
		3.7.1.1.3.7.5-05	The controller shall be able to display and to invoke an entire preference set or portions of a preference set which deal with individual logical displays.	36
		3.7.1.1.3.7.5-06	If the controller chooses to invoke portions of the requested preference set, the system shall use the contents of that set which apply to the individual logical display(s), exclusive of logical display viewport location(s).	36
		3,7,1,2,1,2,9-00	SIGN ON/SIGN OFF	3
		3.7.1.2.1.2.9-08	d. Display/Invoke Display Preference Set: Display Preference Identifier, (Logical Display Identifier(s)), (Current Display Selections), (Invoke), (Logical Display Viewport Location(s)).	3
		3.7.1.2.1.2.9-10	d. Display/Invoke Display Preference Set: This message shall be used to display a preference set selectable from all sets established in the ACCC.	3
	3,7.1.2.1.2.9-11	d. Display/Invoke Display Preference Set: The controller shall be able to display an entire preference set or portions of the requested preference set which deal with individual logical displays.	3	
		3.7.1.2.1.2.9-12	d. Display/Invoke Display Preference Set: If current display selections are requested, the Display Control selections currently in use at the operational position shall be displayed in addition to the requested display preference set.	3

Task Number	Tosk Statement	Paragraph Number	Requirement	Po:
1.6.2.5 cont'd)	REQUEST IMPLEMENTATION OF TPC ADAPTATION PARAMETERS	3.7.1.2.1.2.9-13	d. Oisplay/Invoke Display Preference Set: This message shall be used to invoke the displayed preference set that has been selected for display, and to specify logical display viewpart location(s) if applicable.	3:
		3.7.2.1.3.9-ØØ	DISPLAY PREFERENCE SET PROCESSING	4
		3.7.2.1.3.9-Ø1	The requirements of 3.7.1.1.3.7.5 shall apply.	4
		3.7.2.2.1.2.7-00	SIGN ON/SIGN OFF	4
		3.7.2.2.1.2.7-01	The set of messages specified in 3.7.1.2.1.2.9 shall apply.	4
.6.2.6	ADJUST PARAMETERS AND DISPLAY TO PERSONAL PREFERENCE	3.7.2.2.1.1-00	DISPLAYED DATA	}
		3.7.2.2.1.1-07	The time of day in hours, minutes and seconds shall be displayed at all TCCC Position Consoles on a physical display at adapted positions.	
		3.7.2.2.1.1-08	The controller shall be able to alter the position for the display of time.	
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	
		3.7.2.2.1.1.1.3-54	The controller shall be able to adjust the intensity of the data block display by type.	
		3.7.2.2.3.1-00	GENERAL DISPLAY REQUIREMENTS	
		3.7.2.2.3.1.1-60	SYMBOL GENERATION	
		3.7.2.2.3,1.1-03	The Console shall provide for operator selection of symbol sizes.	
1.6.2.7	REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE SELF	3.7.2.1.3.6.1-00	ENVIRONMENTAL DATA ACCEPTANCE AND MAINTENANCE	
		3.7.2.1.3.6.1-01	The TCCC shall provide interfaces with the airport equipment specified in Section 10, Table 10.2-1 and shall accept and maintain the operational, alarm, and status data received from equipment systems.	
		3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	
		3.7,2.2.1.1.3-03	Date for this display are summarized in Tables 3.7-11 A. B, and C (A&M Data, Airport Environmental Data, System Status Data).	
		3.7.2.2.1.1.3-#8	At least the following data pages shall be adapted at each position and at least two pages shall be displayable simultaneously:	

Task Number	Task Statement	Paragroph Number	Requirement	Page No.
1.6.2.7 cont'd)	REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE SELF	3.7.2.2.1.1.3-09	 a. Critical Data - The critical data page shall contain all data critical to a tower's operation. 	459
		5.7.2.2.1.1.3-22	b. Outage Summary - The outage summary page shall contain present outages on all equipment included in the system.	459
		3.7.2.2.1.1.3-25	d. RVR Status Page - The RVR Status page shall contain the RVR data for all runways on the airport as opposed to just the runways shown on the critical data page.	461
		3.7.2.2.1.1.3-26	e. VASI Status Page - The VASI Status page shall contain the status of all Visual Approach Slape Indicators at the airport.	46
	-	3.7.2.2.1.1.3-27	f. ILS/MLS Monitor Page - The ILS/MLS monitor page shall contain the status of all ILS and/or MLS equipment at the airport.	46
		3.7.2.2.1.1.3-28	g. LLWAS Status Page - The LLWAS status page shall contain the boundary winas from the Low Level Wind Shear Alert System for all runways.	46
		3.7.2.2.1.1.4-00	ALERT AND RESOLUTION DISPLAY	46
		3.7.2.2.1.1.4-#9	Equipment outages and repairs shall be displayed in the Alert Display to the controller for his acknowledgement.	46
T1.6.2.8	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER	3.7.2.2.1.1.1-00	SITUATION DISPLAY	4
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	4
		3.7.2.2.1.1.1.3-02	All targets detected by surveillance sensors (transponder, radar or radar-reinforced transponder) shall be available for presentation on the Situation Display.	4
		positi target	The Situation Display shall contain current position data for various categories of targets and tracks, and position history data for targets.	4
		3.7.2.2.1.1.1.3-24	The information conveyed in the track position symbol and Full Data Block shall be adoptable from the following set of data: Callsign, Mode C Altitude or Pilot-Reported Altitude and Indication of Pilot-Reported Altitude, Handoff Status/Indicator, Exception Beacon Code, (See SLS).	4.
		3.7.2.2.1.1.1.8-00	GRAPHIC WEATHER FROM REAL TIME WEATHER PROCESSOR (RWP)	4
		3.7.2.2.1.1,1.8-81	The Situation Display shall, at option of the controller, display graphic weather products obtained from the Real Time Weather Processor.	4

Task Number	Task Statement	Paragraph Number	Requirement	Pog No
1.6.2.8 cont'd)	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER	3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	45
		₹.7.2.2.1,1.2-Ø1	The Flight Data Displays shall consist of six logical displays: Flight Data Readout Display, Arrival List, Departure List, Clearance Pending List, Standby List, and Overflight List.	45
		3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	45
		3.7.2.2.1.1.3-03	Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Datu, Airport Environmental Data, System Status Data).	45
		3.7.2.2.1.1.3-09	 a. Critical Data - The critical data page shall contain all data critical to a tower's operation. 	45
		3.7.2.2.1.1.3-18	a.9. Critical Data shall include: One meteorological message chosen by the controller.	4
		3.7.2.2.1.1.3-29	h. Aeronautical and Meteorological (A&M) Data Page - The A&M Data page shall contain aeronautical and meteorological information that may be of interest to the controller.	4
		3.7.2.2.1.1.3-32	j. AWOS/ASOS Duta Page - The AWOS/ASOS Data page shall contain AWOS/ASOS information that may be of interest to the controller.	4
		3.7.2.2.1.1.4-00	ALERT AND RESOLUTION DISPLAY	4
		3.7.2.2.1.1.4-87	Aeronautical and meteorological alerts, such as SIGMETs and AIRMETs and urgent PIREPs shall be displayed in the Alert Display for controller acknowledgement.	4
		3.7.2.2.1.1.5-00	SPECIAL LISTS	4.
		3.7.2.2.1.1.5- 0 2	These lists shall include the following: a) Coast/Suspend List, b) Last Aircraft to Land at Airport List, c) Emergency Airport List, d) Group Suppression List, e) Traffic Management Advisory List, f) Runway Configuration List, g) Departure Flow List, and h) Auto Handoff/Pointout Inhibit List.	44
1.6.3.2	INFORM SUPERVISOR OF POTENTIAL OVERLOAD COMDITION	3.7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.3.7-61	The TCCC shall provide the capability to communicate via electronic media.	4
1.6.3.3	RECEIVE SUPERVISOR NOTICE TO COMBINE/ DECOMBINE POSITIONS	3.7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.3.7-01	The TCCC shall provide the capability to	4

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
1.6.3.4	REQUEST ASSISTANCE UR RELIEF	3.7.2.1. 3. 7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
1.6.3.5	REQUEST CHANGE OF AIRPORT ACCEPTANCE RATE	3.7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.3.7-81	The TCCC shall provide the capability to communicate via electronic media.	4
1.6.4.2	OBSERVE TPC CONFIGURATION IN RESPONSE TO CONFIGURATION MESSAGE	3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	4
		3.7.2.2.1.1.3-03	Data for this display are summarized in Tables 3.7-17 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	4
(1.6.5.1	RECEIVE REQUEST TO MANIPULATE AIRPORT LIGHTING SYSTEM	3.7.2.1.3.7-00	ATC MAIL	4
		3.7,2,1.3,7-01	The TCCC shall provide the copobility to communicate via electronic media.	1
1.6.5.3	DENY REQUEST TO MANIPULATE AIRPORT LIGHTING SYSTEM	3.7.2.1.3.7-20	ATC MAIL	
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	
11.6.5.4	ENTER AIRPORT LIGHTING SYSTEM ADJUSTMENT	3.7.2.2.1.2.4-00	AIRPORT EQUIPMENT AND LIGHTING SYSTEM CONTROL	
		3.7.2.2.1.2.4-81	The TCCC shall provide the copability to control as many types of airport lighting systems and selected airport equipments identified in Table 3.2-22 as are available at the airport.	
		3.7.2.2.1.2.4-82	Control of lighting intensity levels in increments ranging from Ø (off) to 5 (maximum intensity) shall be provided for all lighting systems having that capability.	
		3.7.2.2.1.2.4-03	The TCCC shall be capable of controlling lighting for all airport runways and taxiways and shall accommedate all runway configurations.	
T1.6.5.5	SHITCH AIRPORT LIGHTING SYSTEM MANUALLY	3.7.2.2.1.2.4-00	AIRPORT EQUIPMENT AND LIGHTING SYSTEM CONTROL	
		3.7.2.2.1.2.4-01	The TCCC shall provide the capability to control as many types of airport lighting systems and selected airport equipments identified in Table 3.2-22 as are available at the airport.	
T1.7.1 .1	DETECT NON-ACCEPTANCE OF INPUT	3.7.1.1.2.3-00	RESPONSES TO INPUT MESSAGES	

Task Number	Task Statement	Faragraph Number	Requirament	Pag No
F1.7.1.1 (cont'd)	DETECT NON-ACCEPTANCE OF HAPUT BATA	3.7.1.1.2.3-01	Response messages shall be generated as appropriate to the system design and the devices employed for Data Entry and Display.	2.6
		3.7.1.1.2.3-Ø2	There shall always he some response to the source of any local or remote message that originated at a manned position, to confirm that the system has taken note of the message and is acting on it.	29
		3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	36
		3.7.1.2.1.2-53	ae.5 Feedback for alphanumeric inputs shall appear on the Message Composition and Response Display.	36
		3.7.1.2.1,2-57	<pre>ae. Feedback - Every single type of every interaction activity shall result is some type of positive lexical feedback.</pre>	36
		3.7.1.2.1.2-58	af. Error Handling - When an error condition is encountered, the controller shall be provided appropriate feedback such that he/she can easily determine what was received by the system as input, what fields or data items were detected as being erroneous, and what error checking (See SLS).	36
		5.7.2.1.2-00	INPUT MESSAGE PROCESSING SUBAREA	4
		3.7.2.1.2-01	The requirements of paragraph 3.7.1.1.2 shall apply.	4:
		3.7.2.2.1.2-80	DATA ENTRY FUNCTIONS	4
		3.7.2.2.1.2-83	Controller Input Language capabilities specified for the ACCC in section 3.7.1.2.1.2, not including numbered subsections shall also apply to the TCCC.	4
T1.7.1.2	ENTER INPUT DATA MANUALLY ON CONSOLE	3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	4
		3.7.2.2.1.2.2-03	a. Flight Data Amendment: Flight Identification, Field to be Modified, New Data.	4
		3.7.2.2.1.2.2-04	a. Flight Data Amendment: This message shall be used to modify, add to, or delete previously entered flight data for any flight plan.	4
		3.7.2.2.1.2.2-05	a. Flight Data Amendment: This message shall be used to enter a flight rule change from either VFR to IFR or IFR to VFR.	4
		3.7.2.2.1.2.2-#7	a. Flight Data Amendment: The flight data fields that can be amended are listed in	4

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
71.7.1.2 (cont'd)	ENVER INPUT DATA MANUALLY ON CONSOLE	3,7.2.2.1.2,2-#8	a. Flight Data Amendment: If the data are adapted for display in the tower, the displayed information shall be modified accordingly.	477
		3,7.2.2.1.2.2-14	d. Flight Plan: Callsign, A/C Data, (Beacon Code), Trus Air Speed, Coordination Fix or Departure Point, Coordination Time, Altitude, Route, (Remarks), (Mode S Address), (Indicated Airspeed), (Destination Airport).	477
		3.7.2.2.1.2.2-15	d. Flight Plan: This message shall be used to establish a flight plan for a flight.	477
		3.7.2.2.1.2.2-38	q. VFR Flight Plan: Aircraft Identification, (A/C Data), (Beacon Code), (Departure Point), (Destination), (True Air Speed), (Coordination Fix), (Coordination Time), (Altitude), (Route), (Remarks), (Heading), (Runway Assignment), (Estimated Time of Arrival), (Coordination).	479
		3.7.2.2.1,2.2-39	q. VFR Flight Plan: This message shall be used to establish a set of data for a VFR flight.	479
		3.7.2.2.1.2.2-42	s. Position to-Position Transfer of Data: Flight Identification, Receiving Position.	479
		5.7.2.2.1.2,2-45	s. Position-to-Position Transfer of Data: This message shall be used to transfer Flight Data Entries between positions in the tower.	479
		3.7.2.2.1.2.2-55	x. Airport VFR Flight Plan Request: Callsign, (Flight Status), (Code Block Selection), (CPSD coordinates, fix, or direction), (Airport).	486
		3.7.2.2.1.2.2-56	x. Airport VFR Flight Plan Request: This message shall be used to create a VFR flight plan for an aircraft.	486
		3.7.2.3.2-60	FLIGHT PLAN PROCESSING SUBAREA	49
		3.7.2.3.2-01	Instead, the TCCC shall accept manually entered flight plan data.	493
		3.7.2.3.2-02	All operational input actions for the routing of Flight Plan display data between positions within a tower (as specified for the Normal Mode), for the readout of data contained within the TCCC data base (as specified for the Normal Mode), and modification of flight data shall continue to function.	493
T1.7.1.3	RECEIVE INPUT DATA MANUALLY FORMARDED FROM OTHER TPC	3.7.2.3.2-00	FLIGHT PLAN PROCESSING SUBAREA	49
		3.7.2.3.2-Ø1	Instead, the TCCC shall accept manually entered flight plan data.	49.

Task Number	Task Statement	Poragraph Number	Requirement	Poga No.
11.7.1.3 (cont'd)	RECEIVE INPUT DATA MANUALLY FORWARDED FROM OTHER TPC	3.7.2.3.2-02	All operational input actions for the routing of Flight Plan display data between positions within a tower (as specified for the Normal Mode), for the readout of data contained within the TCCC data base (as specified for the Normal Mode), and modification of flight data shall continue to function.	493
T1.7.1.4	FORWARD INPUT DATA MANUALLY TO OTHER TPC	3.7.2.3.2-08	FLIGHT PLAN PROCESSING SUBAREA	493
		3.7.2.3.2-Ø1	Instead, the TCCC shall accept Manually entered flight plan data.	493
		3.7.2.3.2-02	All operational input actions for the routing of Flight Plan display data between positions within a tower (as specified for the Normal Mode), for the readout of data contained within the TCCC data base (as specified for the Normal Mode), and modification of flight data shall continue to function.	493
T1.7.2.1	RECEIVE NOTICE OF TPC FAILURE	3.7.2.1.3.7-00	ATC MAIL	439
		3,7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T1.7.2.3	FORWARD NOTICE OF EQUIPMENT STATUS	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-Ø1	The TCCC shall provide the capability to communicate via electronic media.	439
71.7.3.4	VERIFY COMPUTER ACTION DURING TRANSITION STAGES	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The FCCC shall provide the capability to communicate via electronic media.	439
		3.7.2.2.1.2.3-00	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	48
		3.7.2.2.1.2.3-22	f. System Status Data Changes: The controller shall be able to change the System Status Data that are listed in Table 3.7-11C.	482
		3.7.2.2.1.2.3-23	f. System Status Data Changes: These messages shall change the text stored for the various categories of data but not affect the processing of any functions.	482
		3.7.2.2.1.2,3-24	f. System Status Dota Changes: Currently displayed data and subsequent requests for information shall reflect the new or additional information.	48
T1.7.3.5	RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES	3.7.2.1.3.7-00	ATC MAIL	43

IVE CONFIRMATION OF JTER ACTION DURING SITION STAGES CT NAVAID FAILURE	3.7.2.1.3.7~01 3.7.2.2.1.1.3-00 3.7.2.2.1.1.3-03	The TCCC shall provide the capcbility to communicate via electronic media. SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	439
CT NAVAID FAILURE			456
	3.7.2.2.1.1.3-03	Dota for this dissipation of the first	1
	1	Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	458
	3.7.2.2.1.1,3-17	a.8. Critical Unto shall include: Failure status of equipment of particular interest to the position including lighting systems, landing systems, NAVAIDS, etc.	459
	3.7.2.2.1.1,3-22	b. Gutage Summary - The outage summary page shall contain present outages on all equipment included in the system.	459
	3.7.2.2.1.1.3-23	b. Outage Summary - The outages shall be grouped by similar equipment, all communications, all lights, all beacons, etc.	459
CT COMMUNICATION FAILURE	3.7.2.2.1.1.3-05	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	458
	3.7.2.2.1.1.3-83	Data for this display are summarized in Tobles 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	458
	3.2.2.2.6-00	EQUIPMENT LAYOUT	195
	3.2.2.2.6-03	The TCCC equipment layout design shall also ergonomically accommodate a wide variety of other ATCT equipment integrated into the tower cab including Airport Surface Detection Equipment, inter/intra facility voice and air/ground communications equipment and light guns.	195
	3.7.2.1.3.7-00	ATC MAIL	439
	3.7.2.1.3.7-Ø1	The TCCC shall provide the copability to communicate via electronic media.	439
	3.7.2.1.3.7-00	ATC MAIL	439
	3.7.2.1.3.7~Ø1	The FCCC shall provide the capability to communicate via electronic media.	439
	3.7.2.1.3.7-00	ATC MAIL	439
	3.7.2.1.3.7-Ø1	The TCCC shall provide the capability to communicate via electronic media.	439
	3.7.2.1.3.7-00	ATC MAIL	439
	CT COMMUNICATION FAILURE RT TO LICHTGUN UNICATION PROCEDURES IVE NEW FREQUENCY GNMENT IVE NOTICE OF ALTERNATE UNICATION PATH UNICATION STATUS UARD NEW FREQUENCY GNMENT	3.7.2.2.1.1.3-23 CT COMPRINICATION FAILURE 3.7.2.2.1.1.3-86 3.7.2.2.1.1.3-83 RT TO LIGHTGUN UNICATION PROCEDURES 3.2.2.2.6-86 3.2.2.2.6-85 IVE NEW FREQUENCY GNMENT 3.7.2.1.3.7-81 IVE NOTICE OF ALTERNATE UNICATION PATH 3.7.2.1.3.7-86 3.7.2.1.3.7-86 3.7.2.1.3.7-86 3.7.2.1.3.7-86 3.7.2.1.3.7-86 3.7.2.1.3.7-86 3.7.2.1.3.7-86	3.7.2.2.1.1.3-22 b. Outoge Summary - The outage summory page shall contain present outages an all equipment included in the system. 5.7.2.2.1.1.3-23 b. Outoge Summary - The outages shall be grouped by similar equipment, all communications, all lights, all beacons, etc. CT COMMUNICATION FAILURE 3.7.2.2.1.1.3-85 Dota for this display are summarized in Tables 3.7-11 A, B, and C (AEM Data DISPLAY First Communications) and C (AEM Data DISPLAY First Communications) and C (AEM Data Data DISPLAY First Communications) and C (AEM Data Data DISPLAY British Communications) and C (AEM Data Data DISPLAY British Communications) and C (AEM Data Data DISPLAY British Communications) and C (AEM Data Data DISPLAY British Communications) and C (AEM Data Data DISPLAY British Communications) and C (AEM Data Data DISPLAY British Communications) and C (AEM Data Data DISPLAY British Communications) and C (AEM Data Data DISPLAY British Communications) and C (AEM Data Data DISPLAY British Communications) and C (AEM Data Data DISPLAY British Communications) and C (AEM Data Data DISPLAY British Communications) and C (AEM Data Data DISPLAY British Communications) and C (AEM Data Data DISPLAY British Communications) and C (AEM Data Data DISPLAY British Communications) and C (AEM Data Data DISPLAY British Communications) and C (AEM Data Data Data DisPLAY British Communications) and C (AEM Data Data Data Data Data Data Data Dat

Task N•umber	Task Statement	Paragraph Number	Requirement	Page No.
1.7.5.8	FORWARD NEW FREQUENCY	3.7.2.1.3.7-#1	The TCCC shall provide the capability to	439
cont'd)	ASSIGNMENT	3.7.2.1.3.7 81	communicate vio electronic media.	
1.7.5.9	FORWARD ALTERNATE COMMUNICATION PATH	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-81	The TCCC shall provide the capability to communicate via electronic media.	439
1.7.6.1	DETECT SENSOR/ TRACKING FAILURE	3.7.2.2.1.1.1-00	SITUATION DISPLAY	442
		3.7.2.2.1.1.1.3-80	TARGET AND TRACK DATA AND SYMBOLOGY	44
		3.7.2.2.1.1.1.3-Ø8	Track position symbols shall be placed at the target report position if a target report correlated during the most recent radar scan; otherwise, the track position symbol shall be at the predicted track position.	44
		5.7.2.2.1.1.1.3-17	Track status shall be coded within the track position symbol, leader line, or FDB and shall denote when a track is in coast, hold, flight plan extrapolation, or out of association with its paired flight plan.	44
1.7,6.3	REQUEST FLIGHT PLAN EXTRAPOLATION FOR A TRACK	3.7.2.2.1.2.1-05	TRACK CONTROL	47
		3.7.2.2.1.2.1-43	n. Flight Plan Extrapolation: Flight Identification.	47
		3.7.2.2.1.2.1-44	n. Flight Plan Extrapolation: This message shall be used to put the designated flight into flight plan extrapolation status or to suppress flight plan extrapolation on the flight.	47
1,7,6,4	OBSERVE EXTRAPOLATED FLIGHT PLAN POSITION ON A TRACK	3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	44
		3.7.2.2.1.1.1.3-17	Track status shall be coded within the track position symbol, leader line, or FDB and shall denote when a track is in coast, hold, flight plan extrapolation, or out of association with its paired flight plan.	44
1.7.6.5	SUPPRESS FLIGHT PLAN EXTRAPOLATION FOR A TRACK	3.7.2.2.1.2.1-00	TRACK CONTROL	47
		3.7.2.2.1.2.1-43	n. Flight Plan Extrapolation: Flight Identification.	47
		3.7.2.2.1.2.1~44	n. Flight Plun Extrapolation: This message shall be used to put the designated flight into flight plan extrapolation status or to suppress flight plan extrapolation on the flight.	47
Γ1. 7. 7.1	RECEIVE NOTICE OF TRANSIENT COMMUNICATION FAILURE	3.7.2.1.3.7-00	ATC MAIL	43

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
1.7.7.1 cont*d)	RECEIVE NOTICE OF TRANSIENT COMMUNICATION FAILURE	3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
1.7.7.3	REQUEST COMMUNICATION CHECK FROM OTHER POSITION/ AIRCRAFT/ AGENCY	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capobility to communicate via electronic media.	4
1.7.8.2	INHIBIT PROCESSING OF DATA FROM FAULTY SENSOR	3.7.2.2.1.2.3-00	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	41
		3.7.2.2.1.2.3-14	e. Sensor Override: Sensor ID, (Fallback Value), (Inhibit/Permit Data).	4
		3.7.2.2.1.2.3-15	e. Sensor Override: This message shall be used to control the acceptance of data received from an dirport environmental sensor.	4
		3.7.2.2.1.2.3-16	e. Sensor Override: When an airport environmental sensor is determined to be faulty, the capability shall be provided to inhibit the data from entering the system database.	4
11.7.8.3	RESTORE PROCESSING OF DATA FROM AIRPORT SENSOR	3.7.2.2.1.2.3-00	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	/
		3.7.2.2.1.2.3-14	e. Sensor Override: Sensor ID, (Fallback Value), (Inhibit/Permit Data).	4
		3.7.2.2.1.2.3-15	e. Sensor Override: This message shall be used to control the acceptance of data received from an uirport environmental sensor.	
		5.7.2.2.1.2.3-17	e. Sensor Overrios: Similarly, the capability shall be provided to permit data into the system autobase when the sensor is operating properly.	
11.7.9.1	DETECT TOOC STAND-ALINE MODE INDICATOR	3.7.2.1.1.3.3-46	DETERMINE SYSTEM MODE	
		3.7.2.1.1.3.3-62	If a failure occurs, the TCCC shall signal all positions and automatically transition to Stand-alone Mode.	
		3.7.2.2.1.1-88	DISPLAYED GATA	
		3.7.2.2.1.1-89	A Stand-Alone Mode Indicator shall be displayed at all TCCC Position Consoles in an adapted location on a physical display.	
71.7.9.2	RECEIVE NOTICE OF YOUC STAND-ALGNE MODE	3.7.2.1.3.7-00	ATC MAIL	
		3.7.2,1.3.7-01	The TCLC shall provide the capability to communicate via electronic media.	

*		Requirement Tracea		Pag No
Task Number	Task Statement	Paragraph Number	Requirement	- No
1,7.9.3	INFORM SUPERVISOR OF TCCC STAND-ALONE MODE	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-81	The TCCC shall provide the capability to communicate via electronic media.	43
.7.9.4	RECEIVE NOTICE OF ACF BACKUP	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capebility to communicate via electronic media.	4
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Task Number	Task Statement	Task Type
T1	LOCAL CONTROLLER	
T1.0.0,0	GENERATE CLEARANCE	į
T1.1	PERFORM LGCAL SITUATION MONITORING	
T1.1.1	ESTABLISHING POSITIVE AIRCRAFT/ VEHICLE POSITION	Ì
T1.1.1.1	REQUEST PILOT/ OPERATOR POSITION REPORT	vc
T1.1.1.3	RECEIVE PILOT/ OPERATOR POSITION REPORT	vc
T1.1.1.6	OBSERVE MOVEMENT AREAS FOR SPECIFIC AIRCRAFT/ VEHICLE	R/A
T1.1.1.7	SEARCH FOR AIRBORNE AIRCRAFT VISUALLY	R/A
T1.1.1.9	VERIFY AIRCRAFT/ VEHICLE IS AT REPORTED POSITION	A
T1.1.1.10	DETERMINE CORRELATION OF EXPECTED/ REPORTED POSITION WITH TARGET	A
T1.1.2	CHECKING AND EVALUATING SEPARATION	
¥1.1.2.3	SEARCH AIRSPACE/ MOVEMENT AREAS TO ASSESS AIRCRAFT SEPARATION	R/A
T1,1,2,10	DETERMINE WHETHER AIRCRAFT WILL BE SEPARATED BY LESS THAN PRESCRIBED MINIMA	А
Τ1.1.3	RECEIVING ENVIRONMENT AND STATUS INFORMATION	
T1.1.3.11	OBSERVE SYSTEM STATUS DIRECTLY	R/A
T1.1.4	HOUSEKEEPING	
71.1.4.11	DELETE FDB/ FDE FROM TCCC SYSTEM	E
T1.2	RESOLVE CONFLICT SITUATIONS	
T1.2.1	PERFORMING CONFLICT RESOLUTION	į
T1.2.1.3	OBSERVE POTENTIAL AIRCRAFT/ VEHICLE CONFLICT SITUATION	R/A
T1.2.1.4	DETERMINE VALIDITY OF AIRCRAFT/ VEHICLE CONFLICT NOTICE OR INCICATION	A
T1.2.1.5	DETERMINE APPROPRIATE ACTION TO RESOLVE AIRCRAFT/ VEHICLE CONFLICT SITUATION	A
T1.2.1.7	ISSUE ADVISORY IN REGARD TO AIRCRAFT CONFLICT	vc
T1.2,1,12	INFORM PILOT WHEN CLEAR OF TRAFFIC	vc
T1.2.2	PERFORMING MINIMUM SAFE ALTITUDE RESOLUTION	
T1.2.2.3	DETERMINE POTENTIAL LOW ALTITUDE SITUATION	R/A
ſ1.2.2.4	DETERMINE VALIDITY OF MSAM NOTICE OR INDICATION) A
T1.2.2.5	DETERMINE APPROPRIATE ACTION TO RESOLVE LOW ALTITUDE SITUATION	A
T1.2.2.7	ISSUE ADVISORY IN REGARD TO LOW ALTITUDE SITUATION	VC
T1.2.2.10	OBSERVE FIXED OBSTRUCTIONS DIRECTLY	R/A
T1.2.3	PERFORMING AIRSPACE/ MOVEMENT AREA VIOLATION RESOLUTION	-
T1.2.3.1	OBSERVE POTENTIAL AIRSPACE/ MOVEMENT AREA VIOLATION	R/A
11.2.3.2	DETERMINE APPROPRIATE ACTION TO RESOLVE AIRSPACE/ MOVEMENT AREA VIOLATION	A
Y1.2.3.4	ISSUE ADVISORY IN REGARD TO AIRSPACE/ MOVEMENT AREA VIOLATION	VC
T1.2.4	ISSUING UNSAFE CONDITION ADVISORIES	1
T1.2.4.1	OBSERVE AIRCRAFT/ VEHICLE ABNORMALITY DIRECTLY	R/A
T1.2.4.2	DETERMINE NEED FOR ADVISORY/ SAFETY ALERT/ CLEARANCE	A
T1.2.4.3	FORMULATE ADVISORY/ SAFETY ALERT CONTENT) Α
T1.2.4.4	ISSUE ADVISORY/ SAFETY ALERT IN REGARD TO UNSAFE AIRCRAFT/ VEHICLE CONDITION	vc
11.2.4.5	OBSERVE MANEUVER DIRECTLY IN RESPONSE TO ADVISORY/ SAFETY ALERT	R/A
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Task Number	Task Statement	Tusk Type
T1.2.4.6	INFORM PILOT/ OPERATOR OF SITUATION RETURNED TO NORMAL	vc
T1,2,5	SUPPRESSING/ RESTORING ALERTS/ RESOLUTION ADVISORIES	
T1.2.5.1	DETERMINE VALIDITY, APPROPRIATENESS OF DISPLAY OF AN ALERI / RESOLUTION ADVISORY	A
T1.3	MANAGE AIR TRAFFIC SEQUENCES	
T1,3,1	PROCESSING DEVIATIONS	
T1.3.1.4	OBSERVE GROUND TRAFFIC DEVIATION DIRECTLY	R/A
T1.3.1.6	ISSUE ADVISORY IN REGARD TO DEVIATION	vc
T1.3.1.7	OBSERVE AIRCRAFT/ VEHICLE RESUMING CONFORMANCE DIRECTLY	R/A
T1.3.2	ESTABLISHING DEPARTURE SEQUENCES	
T1.3.2.2	OBSERVE AIRCRAFT AWAITING TAKEOFF CLEARANCE	R/A
T1,3.2.3	RECEIVE INITIAL CONTACT FROM PILOT READY FOR TAKEOFF	VC
T1.3.2.5	ISSUE APPROPRIATE DEPARTURE INFORMATION	٧C
11.3.2.6	DISCUSS SEQUENCING WITH GROWND CONTROLLER	VC
T1.3.2.7	DETERMINE SEQUENCE FOR DEPARTURE AIRCRAFT	A
T1.3.2.11	ISSUE INSTRUCTIONS TO PILOT TO TAXI INTO POSITION AND HOLD	vc
T1.3.2.12	DETERMINE APPROPRIATE INTERVAL/ DISTANCE FOR DEPARTURE	A
T1,3,2.13	ISSUE AMENDED CLEARANCE	vc
T1.3.2.14	ISSUE DEPARTURE INSTRUCTIONS	VC
T1,3.2.15	ISSUE ADVISORY IN REGARD TO TRAFFIC/ WAKE TURBULENCE	vc
T1.3.2.16	ISSUE TAKEOFF CLEARANCE	vc
T1.3.2.17	ISSUE AMENDED TAKEOFF CLEARANCE	vc
T1.3.2.18	ISSUE TAKEOFF CLEARANCE CANCELLATION	vc
T1.3.2.19	OBSERVE ABORTED TAKEOFF	R
T1.3.2.21	OBSERVE TAKEOFF DIRECTLY	R
Γ1.3.2.23	ISSUE TAXI INSTRUCTIONS	vc
T1.3.2.26	DIRECT PILOT TO CONTACT ACF CONTROLLER	vc
T1.3.3	FSTABLISHING LANDING SEQUENCES	
T1.3.3.2	RECEIVE PILOT REQUEST FOR LANDING INSTRUCTIONS	vc
Y1.3.3.4	ISSUE INITIAL LANDING INSTRUCTIONS	vc
T1.3.3.6	RECEIVE PILOT REQUEST FOR CLEARANCE TO LAND	vç
Υ1.3.3.7	CONTACT PILOT TO VERIFY ARRIVAL INVENTIONS	vc
T1.3.3.9	ISSUE CHANGE OF LANDING INSTRUCTIONS	\ vc
T1.3.3.10	ISSUE CLEARANCE FOR AIRCRAFT TO LAND OR CLEARANCE FOR OPTION	vc
T1.3.3.11	RECEIVE NOTICE OF AIRCRAFT EXECUTING LANDING/ OPTION	vc
T1 3.3.12	OBSERVE AIRCRAFT EXECUTING LANDING/ OPTION	R/A
T1.3.3.13	ISSUE GO AROUND	vc
T1.3.5.14	RECEIVE NOTICE OF PILOT-INITIATED HISSED APPROACH/ GO AROUND/ TOUCH-AND-GO/ STOP-AND-GO	vc
T1.3.3.16	DIRECT PILOT TO CONTACT GROUND CONTROL	vc
T1.3.3.20	ISSUE AMENDED CLEARANCE FOR LANDING/ OPTION	vc
T1.3.4	MUNITORING NON-CONTROLLED OBJECTS	
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T1.3.4.2	OBSERVE DIRECTLY AN AIRSPACE/ MOVEMENT AREA INTRUSION BY NON-CONTROLLED OBJECT	R/A
T1.3,4,6	INFORM PILOT/ OPERATOR WHEN CLEAR OF NON-CONTROLLED OBJECT	vc
T1.3.4.7	ISSUE ADVISORY IN REGARD TO NON-CONTROLLED OBJECT IN AIRSPACE/ MOVEMENT AREA	vc
T1.3.5	RESPONDING TO IMPOSED AIRSPACE/ MOVEMENT AREA RESIRICTIONS	
T1.3,5,2	DETERMINE IMPACT OF AIRSPACE/ MOVEMENT AREA RESTRICTION ON AIRCRAFT MOVEMENT	A
T1.3.5.3	ISSUE INSTRUCTIONS RESTRICTING AIRCRAFT ACTIVITY IN AFFECTED AIRSPACE/ MOVEMENT AREA	vc
T1.3.6	REQUESTING TEMPORARY RELEASE OF AIRSPACE/ MOVEMENT AREAS	İ
T1.3.6.5	ENTER REMINDER OF TEMPORARY MOVEMENT AREA RELEASE	E
11.3,6.6	DELETE REMINDER OF TEMPORARY MOVEMENT AREA RELEASE	£
T1.3,7	RESPONDING TO REQUESTS FOR TEMPORARY RELEASE OF AIRSPACE/ MOVEMENT AREAS	}
T1.3.7.2	DISCUSS RELEASE OF AIRSPACE/ MOVEMENT AREA WITH SUPERVISOR/ DTHER CONTROLLER	A/VC
T1.3,7.6	EVALUATE FEASIBILITY OF RELEASING AIRSPACE/ MOVEMENT AREA TEMPORARILY	R/A
T1.4	ROUTE OR PLAN FLIGHTS	ļ
T1.4.1	PLANNING CLEARANCES	ļ
T1.4,1.2	RECEIVE IFR CLEARANCE REQUEST FROM PILOT	vc
T1.4.1.3	RECEIVE SPECIAL VFR REQUEST FROM PILOT	vc
T1.4.1.4	RECEIVE TCA/ TRSA/ ARSA REQUEST FROM PILOT	vc
T1.4,1.6	ASSIGN BEACON CODE	vc
T1.4.1.13	DETERMINE APPROPRIATE ACTION FOR AIRCRAFT CLEARANCE	A
T1.4.2	RESPONDING TO SPECIAL CONDITIONS/ EMERGENCIES	
T1.4.2.2	PERCEIVE PRESENCE OF SPECIAL CONDITION/ EMERGENCY AURALLY	A/VC
T1.4.2.4	INFORM PILOT/ VEHICLE OPERATOR OF ABNORMAL AIRCRAFT/ VEHICLE CONDITION	vc
T1.4.2.12	DELETED	R/A
T1.4.2.13	OBSERVE TERMINATION OF SPECIAL CONDITION/ EMERGENCY	R/A
T1.4.2.14	RECEIVE PILOT NOTICE OF EMERGENCY DECLARED	vc
T1.4.3	RESPONDING TO SPECIAL OPERATIONS	
T1.4.3.4	CONDUCT SPECIAL OPERATION ACTIONS	TBC
T1.4.4	PROCESSING FLIGHT PLAN AMENUMENTS	
T1.4.4.1	RECEIVE FLIGHT PLAN AMENDMENT VERBALLY FORWARDED	vc
T1.4.4.2	DETERMINE NEED FOR FLIGHT PLAN AMENOMENT	A
T1.4.4.6	FORHARD FLIGHT PLAN AMENDMENT VERBALLY	vc
T1.4.5	RESPONDING TO REQUESTS FOR TRANSFER OF CONTROL	ļ
T1.4.5.5	VERIFY COMMUNICATIONS WITH PILOT ON TRANSFER OF CONTROL	vc
T1.4.6	INITIATING TRANSFER OF CONTROL/ RADAR IDENTIFICATION	
T1.4.6.2	ISSUE CHANGE OF FREQUENCY TO PILOT	vc
T1.4.6.9	DISCUSS TRAMSFER OF CONTROL WITH OTHER CONTROLLER	vc
T1.4.6.18	ISSUE CHANGE TO VFR BEACON CODE ASSIGNMENT	vc
T1.4.6.11	INITIATE VERBAL HANDOFF	vc vc
T1.4.7	ISSUING POINTOUTS	į
T1.4.7.4	PERCEIVE NO ACTION ON POINTOUT	R/A

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T1.4.7.7	DISCUSS POINTOUT WITH OTHER CONTROLLER	vc
T1.4.8	RESPONDING TO POINTCUTS	
T1.4.8.6	DETERMINE RESPONSE TO POINTOUT	A
T1.4.9	ISSUING CLEARANCES	
T1.4.9.2	FORMULATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS	А
T1.4,9.4	ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT	vc
T1.4.9.7	QUERY PILOT REGARDING COMPLIANCE WITH CLEARANCE	vc
T1.4.9.9	SUGGEST CLEARANCE ALTERNATIVES TO PILOT	A/VC
T1.4.10	MANAGING AUTOMATED HANDOFF AND POINTOUT FEATURES	
T1.5	ASSESS WEATHER IMPACT	
T1.5.1	RESPONDING TO SIGNIFICANT WEATHER INFORMATION	
T1.5.1.4	RECEIVE PIREP ON WEATHER	vc
T1.5.1.7	DETERMINE WHETHER ANOTHER CONTROLLER OR PILOT NEEDS WEATHER ADVISORY	A
11.5.2	PROCESSING WEATHER REPORTS	
T1.5,2.1	DISCUSS ACTIONS TO RESPOND TO RUNHAY/ TAXIWAY CHANGE	vc
T1.5.2.6	REQUEST PIREP	vc
T1.5.2.8	DETERMINE WHETHER RUNARY CONDITIONS HAVE CHANGED	ļ A
T1.5.2.9	DETERMINE WHETHER CONTROL ZONE IS IFR/ VFR	A
T1.6	MANAGE LOCAL CONTROLLER POSITION RESOURCES	
T1.6.1	BRIEFING RELIEVING CONTROLLERS	
T1.6.1.2	BROADCAST NOTICE OF FACILITY STATUS	vc
T1.6.1.4	VERIFY COMPLETENESS OF RELIEF BRIEFING RECEIPT	R/A
T1.6.2	ASSUMING POSITION RESPONSIBILITY	
T1.6.2.3	CHECK DISPLAY FOR PROPER CONFIGURATION, USABILITY, AND SATISFACTORY STATUS	R/A
T1.6.3	MANAGING PERSONAL WORKLOAD	
T1.6.3.1	DETERMINE IMPENDING CONTROLLER OVERLUAD	A
T1.6.4	RESPONDING TO POSITION RECONFIGURATIONS	į
T1.6.4.1	CONDUCT POSITION COMBINATION/ DECOMBINATION PROCEDURES	E/R/VC
T1.6.5	OPERATING AIRPORT LIGHTING SYSTEMS	
T1.6.5.2	DETERMINE NEED TO MANIPULATE AIRPORT LIGHTING SYSTEM	A
¥1.7	RESPOND TO SYSTEM/ EQUIPMENT DEGRADATION	
T1.7,1	RESPONDING TO TRANSIENT TOCC FAILURES	
T1.7.2	EXECUTING BACKUP PROCEDURES FOR TPC FAILURES	
T1.7.2.2	DETECT OCCURRENCE OF TPC FAILURE	R/A
71.7.3	EXECUTING BACKUP PROCEDURES FOR TCCC FAILURES	
Ť1.7.3.1	RECEIVE NOTICE OF TCCC FAILURE	vc
T1.7.3.2	DETECT OCCURRENCE OF TOCC FAILURE	R/A
T1.7.3.3	REVERT TO TOCC BACKUP PROCEDURES (TBD)	ТВО
T1.7,4	EXECUTING BACKUP PROCEDURES FOR NAVAID FAILURES	
T1.7.4.2	INFORM PILOT OF NAVAID STATUS	vc

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T1.7.5	EXECUTING BACKUP PROCEDURES FOR COMMUNICATION FAILURES	
T1.7.5.3	SHITCH TO BACKUP RADIO/ FREQUENCY	٤
Γ1.7.5.4	ADJUST COMMUNICATION PATH TO ACCOMMODATE FAILURE/ OVERLOAD	ε
r1.7.6	EXECUTING BACKUP PROCEDURES FOR SENSOR/ TRACKING FAILURES	
11.7.6.2	REVERT TO NON-RADAR PROCEDURES	А
Γ1,7.7	RESPONDING TO TRANSIENT COMMUNICATION FAILURES	
11.7.7.2	DETECT TRANSIENT COMMUNICATION FAILURE	R/A
11,7.7.4	RECEIVE COMMUNICATION CHECK FROM OTHER POSITION/ AIRCRAFT/ AGENCY	vc vc
11.7.8	RESPONDING TO AIRPORT EQUIPMENT FAILURES	
T1.7.8.1	OBSERVE FAILURE OF AIRPORT EQUIPMENT	R/A
Т1.7.9	RESPONDING TO ACCC FAILURES	
11.7.9.5	REVERT TO ACCC DEGRADED PROCEDURES (TBD)	TBD
11.7.9.6	REVERT TO ACCC BACKUP PROCEDURES (TBD)	ТВО
T1.7.9.7	REVERT TO TCCC STAND-ALONE MODE PROCEDURES (TBD)	TBD

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2.1.1 .3	FORWARD POSITION REPORT TO OTHER CONTROLLER	3.7.2.1.3.7-ย0	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the copobility to communicate via electronic media.	43
2.1.1.8	SEARCH ASDE FOR SPECIFIC AIRCRAFT/ VEHICLE LOCATION	3.2.2.2-00	TCCC PHYSICAL CHARACTERISTICS	15
		3.2.2.2.6-80	EQUIPMENT LAYOUT	1.
		3.2.2.2.6-03	The TCCC equipment layout design shall also ergonomically accommodate a wide variety of other ATCT equipment integrated into the tower cab including Airport Surface Detection Equipment, inter/intra facility voice and dir/ground communications equipment and light guns.	1
2.1.1.9	OBSERVE ASDE FOR ATRCRAFT/ VEHICLE PROGRESS THROUGH MOVEMENT AREA	3.2.2.2-00	TCCC PHYSICAL CHARACTERISTICS	1
		3.2.2.2.6-00	EQUIPMENT LAYOUT	1
		3.2.2.2.6-03	The TCCC equipment layout design shall also ergonomically accommodate a wide variety of other ATCT equipment integrated into the tower cap including Airport Surface Detection Equipment, inter/intra facility voice and air/ground communications equipment and light guns.	1
2.1.1.18	RECEIVE POSITION REPORT RELAYED FROM OTHER CONTROLLER	3.7.2.1. 3.7-88	ATC MAIL	'
		3.7.2.1.3,7-81	The TCCC shall provide the capability to communicate via electronic media.	1
2.1.3.1	ACKNOHLEDGE ENVIRONMENTAL/ SYSTEM STATUS ALERT	5.7.2.2.1.1.1-00	SITUATION DISPLAY	4
		3.7.2.2.1.1.1.8-88	GRAPHIC WEATHER FROM REAL TIME WEATHER PROCESSOR (RWP)	
		3.7.2.2.1.1.1.8-#3	Hazardous weather olerts shall be coded to draw immediate attention and shall remain in effect until acknowledged by the controller.	
	İ	3.7.2.2.1.1.4-60	ALERT AND RESOLUTION DISPLAY	
		3.7.2.2.1.1.4-87	Aeronautical and meteorological alerts, such as SIGMETs and AIRMETs and urgent PIREPs shall be displayed in the Alert Display for controller acknowledgement.	
		3.7.2.2.1.1.4-08	The controller shall be able to suppress the alert from the display or save it in the Alert Display.	

Task Number	Task Statement	Paragraph Number	Requirement	Pag
TOSK INDICE	TOSA SCORENCE	Paragraph Nanos	vedati enew	-
2,1 3.1 cont'd;	ACKNOSLEDGE ENVIRONMENTAL/ SYSTEM STATUS ALERT	3.7.2.2.1.1.4-69	Equipment outages and repairs shall be displayed in the Alert Display to the controller for his anknowledgement.	44
		o.7.2.2.1.1.4-18	The controller shall be cole to suppress the alert from the display or save it in the Alert Display for his quick reference.	4
.1.3.2	OBSERVE DISPLAY OF NEW/ CHANGED SYSTEM STATUS CATA	3.7.2.2.1.1.3-00	SYSTEM ENVIROPMENTAL AND STATUS DATA DISPLAY	4
		5.7.2.2.1.1.5-63	Doto for this display are surmarized in Tables 3.7-11 A, B, and C (A&M Oato, Airport Environmental Data, System Status Data).	1
		3.7.2.2.1.1.3-86	All displayed informution shall be updated automatically when changes are reported.	,
		3.7.2.2.1.1.3-89	 a. Critical Data - The critical data page shall contain all data critical to a tower's operation. 	,
		3.7.2.2.1.1.3-22	b. Outage Summary - The outage summary page shall contain present outages on all equipment included in the system.	
		3.7.2.2.1.1.3-24	c. Runway, Approach, and Taxiway Lights Page - This page shall contain the status of all approach, runway and taxiway lights as are available at the airport.	
		3.7.2.2.1.1.3-26	e. VASI Status Page - The VASI Status page shall contain the : "Itus of all Visual Approach Slope Indicators at the airport.	
		3.7.2.2.1.1.3-27	f. ILS/MLS Monitor Page - The ILS/MLS monitor page shall contain the status of all ILS and/or MLS equipment at the airport.	
.1.3.3	OBSERVE DISPLAY OF NEW CHANGED AERCHAUTICAL AND METEOROLOGICAL DATA	3.7.2.2.1.1.3-06	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	
		3.7.2.2.1.1.3-63	Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	
		3.7.2 2.1.1.3-#6	All displayed information shall be updated automotically when changes are reported.	
		5.7.2.2.1.1.5-10	o.9. Critical Data shall include: One meteorological massage chosen by the controller.	
		3.7.2.2.1.1.2-29	h. Aeronautical and Neteorological (A&M) Duta Page - The A&M Data page shall contain aeronautical and meteorological information that may be of interest to the controller.	
		3.7.2.2.1,1.3-32	j. ANOS/ASOS Duta Page - The ANOS/ASOS Data page shall contain ANOS/ASOS information	١



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				1
T2.1.3.4	OBSERVE DISPLAY OF NEW/ CHANGED AIRPORT ENVIRONMENTAL DATA	3.7,2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	458
		3.7.2.2.1.1.3-23	Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	451
		3.7.2.2.1.1.3-06	All displayed information shall be updated automatically when changes are reported.	45
		3.7.2.2.1.1.3-18	a.1. Critical Data shall include: Altimeter Setting.	45
		3.7.2.2.1.1. 3-12	a.3. Critical Data shall include: Center-field wind direction, velocity, and gusts.	45
		3.7.2.2.1.1.3-14	a.5. Critical Data shall include: Runway visual range visibility figures for up to 3 RVR's per runway for each of up to five runways and the RVR thresholds for each of the RVR's.	45
		3.7.2.2.1.1.3-16	a.7. Critical Data shall include: Low level wind shear boundary locations, velocity and direction.	45
		3.7.2.2.1.1.3-25	d. RVR Status Page - The RVR Status page shall contain the RVR data for all runways on the airport as opposed to just the runways shown on the critical data page.	46
		3,7,2,2,1,1,3-28	g. LLWAS Status Page - The !LWAS status page shall contain the boundary winds from the Low Level Wird Shear Alert System for all runways.	46
T2.1.3.5	DETECT EQUIPMENT STATUS ALERT	3,7,2,2,1,1,3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	45
		3.7.2.2.1.1.3-15	a.4. Critical <u>Oata shall include</u> Alert information such as wind shear alerts, RVR alerts, critical computer and instrument outages.	45
		3.7.2.2.1.1.4-00	ALERT AND RESOLUTION DISPLAY	46
		3.7.2.2.1.1.4-Ø9	Equipment outages and repairs shall be displayed in the Alert Display to the controller for his acknowledgement.	46
T2.1.3,6	RECEIVE NOTICE OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	3.7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.3.7-Ø1	The TCCC shall provide the capability to communicate via electronic media.	4.
Τ2.1.3.7	INFORM OTHERS OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	3.7.2.1.3.7-00	ATC MAIL	4

Task Number	Task Statement	Paragraph Number	Requirement	Pag- No
T2.1.3.7 (cent'd)	INFORM OTHERS OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
12.1.3.8	DETECT AERONAUTICAL AND METEOROLOGICAL ALERY	3.7.2.2.1.1.4-80	ALERT AND RESOLUTION DISPLAY	46
		3.7.2.2.1.1.4-87	Aeronautical and meteorological alerts, such as SIGMETs and AIRMETs and urgent FIREPs shall be displayed in the Alert Display for controller acknowledgement.	46
T2.1.5.9	DETECT AIRPORT ENVIRONMENTAL DATA ALERT	3.7.2.1.3.6.1-00	ENVIRONMENTAL DATA ACCEPTANCE AND MAINTENANCE	43
		3.7.2.1.3,6.1-01	The TCCC shall provide interfaces with the airport equipment specified in Section 10, Table 10.2-1 and shall accept and maintain the operational, alorm, and status data received from equipment systems.	4
		3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	4
		3.7.2.2.1.1.3-13	a.4. Critical Data shall include: Alert information such as wind shear alerts, RVR alerts, critical computer and instrument outages.	4
T2.1.4.1	ENTER CONTROLLER NOTE	3.7.2.2.1.1.1.12-00	GEOGRAPHIC TAGGING	4
		3.7.2.2.1,1.1.12-02	The capability shall be provided for the controller to enter a string of alphanumerics starting at any geographic point designated by the CPSD or controller entered fix.	4
		3.7.2.2.1.1.18-00	CONTROLLER NOTEPAD DISPLAY	4
		3.7.2.2.1.1.10-01	This logical display shall contain controller-entered free-form text notes which have no 'semantic level' meaning to the system, but rather are treated as a string of undifferentiated characters.	4
		3.7.2.2.1.1.10-02	The copobility shall be provided to quickly and easily edit or modify the contents of these notes.	4
T2,1,4,2	DELETE CONTROLLER NOTE	3.7.2.2 1.1.1-00	SITUATION DISPLAY	4
		3.7.2.2. י.1.12-00	GEOGRAPHIC TAGGING	
		3.7.2.2.1.1.1.12-02	The carability shall be provided for the controller to enter a string of alphanumerics starting at any geographic point designated by the CPSU or controller entered fix.	

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
T2.1.4.2 (cont'd)	SELETE CONTROLLER NOTE	3.7.2.2.1,1.1.12-03	These alphanumeric symbols and graphics shall be retained in the logical display until removed by controller and shall be displayed automatically whenever these points and graphics are in range of the physical display area.	456
		3.7.2.2.1.1.10-00	CONTROLLER NOTEPAD DISPLAY	476
		3.7.2.2.1.1.10-01	This logical display shall contain controller-entered free-furm text notes which have no 'semantic level' meaning to the system, but rather are treated as a string of undifferentiated characters.	476
		3.7.2.2.1.1.10-04	These notes shall only be displayed at the entering position and shall remain in the logical display until the controller takes an action to delete them.	47
T2.1.4.3	ENTER FDE NOTATIONS	3.7.2.2.1.1.2-ØØ	FLIGHT DATA DISPLAY	45
		3.7.2.2.1.1.2-18	The capability shall be provided to display/delete FDE notations (FDENs) in specified fields of FDEs.	45
		3.7.2.2.1.1.2-22	In addition, the capability shall be provided for the controller to display any FDEN through controller FDEN entry.	45
	4 4 5 5	3.7.2.2.1.1.2-42	e. FDENs associated with the destination field hall uniquely denote radar vector heading and/or direct route clearunces.	45
		3.7.2.2.1.1.2-43	e. These FDENs shall be displayed upon controller FDEN entry.	45
	3.7.2.2.1.1.2-46	f. FDENs associated with the departure fix/coordination fix shall uniquely denote altitude, heading, turn instructions, and/or alternate fix included in the clearance associated with the fix.	45	
		3.7.2.2.1.1.2-47	f. These FDENs shall be displayed upon controller FDEN entry.	45
	restriction(s) sho controller inputs message and shall entering position,	g. FDEN(s) indicating on altitude restriction(s) shall be generated when the controller inputs an altitude restriction message and shall be displayed at the entering position, other tower positions and to the ACCC upon transfer of control,	45	
		3.7.2.2.1.1.2-52	g. An FDEN indicating that the assigned altitude is inappropriate for the direction of flight shall be automatically generated and displayed.	45
		3.7.2.2.1.1.2-53	g. Upon controller FDEN entry, this FDEN shall denote what the wrong altitude for direction of flight has been coordinated with the ACF.	4!

Task Number	Task Statement	Paragraph Number	Requirement	Pag No							
[2.1.4.3 (cont'd)	ENTER FDE NOTATIONS	3.7.2.2.1.1.2-54	h. FDENs shall indicate a record(s) of clearances and instructions which has been delivered.	45							
		3.7.2.2.1.1.2-57	h. These FDENs shall be displayed upon controller FDEN entry.	45							
		3.7.2.2.1.1.2-58	 FDENs shall indicate coordination of information/instructions between the controller and pilot. 	45							
		3.7.2.2.1.1.2-59	i. These FDEN shall be generated upon controller FDEN entry.	45							
		3.7.2.2.1.1.2-60	j. An FDEN shall denote a controller assigned speed restriction.	45							
		3.7.2.2.1.1.2-61	j. This FDEN shall be generated upon controller FDEN entry and shall be automatically transferred to the ACCC upon transfer of control.	45							
		3.7.2.2.1.1.2-64	 An FDEN shall indicate to the controller that future action is required with respect to the field tagged with this FDEN. 	45							
		3.7.2.2.1.1.2-65	1. This FDEN shall be displayed upon controller FDEN entry.	45							
		3.7.2.2.1.1.2-66	m. An FDEN shall denote that a flight has been changed to the next frequency and <hall include at the controller's option, the new frequency and the frequency time change.</hall 	45							
		3.7.2.2.1.1 2-67	m. This FDEN shall be displayed upon controller FDEN entry.	4							
									3.7.2.2.1.1.2-68	n. An FDEN shall denote the change of an IFR flight plan to VFR.	4:
		3.7 2.2 1.1 2-69	n. This FDEN shall be displayed upon controller FDEN entry.	4							
	[3.7.2,2.1.1.2-72	p. FUCN: shall indicate that an aircraft has teen issued a ground hold.	4							
	}	3.7.2.2.1.1.2-74	p. These SDENs shall be generated upon controller FDEN entry.	4							
		3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	4							
	3.7.2.2.1.2.2-35	3.7.2.2.1.2.2-35	o. Runwcy Assignment: Flight Identification, Runway	4							
		3.7.2.2.1.2.2-36	o. Runway Assignment: This message shall be used to assign or reassign i runway to an aircraft.	4							
		3.7.2.2.1.2.2-52	w. Altitude Restriction Message: Flight Identification, (Restriction(s)).	4							



Task Number	Task Statement	Paragraph Number	Requirement	Pag No
[2.1.4.3 cont'd)	ENTER FDE NOTATIONS	3.7.2.2.1.2.2-53	w. Altitude Restriction Message: This message shall be used to enter or cancel an altitude restriction(s).	48
		3.7.2.2.1.2.2-54	w. Altitude Restriction Message: This message shall be used for processing controller reminders and for the display of FDENs.	48
Γ2.1.4.4	DELETE FOE NOTATIONS	3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	45
		3.7.2.2.1.1.2-18	The capability shall be provided to display/delete FDE notations (FDENs) in specified fields of FDEs.	45
		3.7.2.2.1.1.2-25	FDENs shall be automatically deleted when the condition which generated the FDEN no longer exists, or upon controller deletion.	4
		3.7.2.2.1.1.2-72	p. FOENs shall indicate that an aircraft has been issued a ground hold.	4
	3.7.2.2.1.1.2-76	p. This FOEN shall be deleted upon controller entry.	,	
	3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES		
		3.7.2.2.1.2.2-53	w. Altitude Restriction Message: This message shall be used to enter or cancel an altitude restriction(s).	
T2.1.4.5	SELECT FDE SORTING PRIORITY SCHEME	3.7.2.2.1.1.2,2-00	ARRIVAL LIST	
		3.7.2.2.1.1.2.2-18	b. Ordering - The controller shall have the capability to prioritize the sort factors and to choose an ascending or descending sort order.	
		3.7.2.2.7.1.2.3-00	DEPARTURE LIST	
		3,7.2.2.1.1. 2.3-1 1	b. Ordering - The controller small have the capability to prioritize the sort factors and to choose an ascending or descending sort order.	
		3.7.2.2.1.1.2.4-90	CLEARANCE PENDING LIST	
		3.7.2.2.1.1.2.4-04	The controller shall have the capability to prioritize the sort factors and to choose an ascending or descending sort order.	
		3.7.2.2.1.1.2.5-00	STANDBY LIST	
		3.7.2.2.1.1.2.5-02	This list shall have the same requirements for formatting and ordering as the Clearance Pending List.	
		3.7.2.2.1.1.2.6-#Ø	OVERFLIGHT LIST	
				}

Task Number	Task Stutement	Pcragraph Number	Requirement	Page No.
T2.1.4.5 (cont'd)	SELECT FDE SORTING PRIORITY SCHEME	3.7.2.2.1.1.2.6-06	b. Ordering - The list shall have the same requirements for ordering as the Departure List.	458
T2.1.4.6	REQUEST FDE FROM ANOTHER POSITION	3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	476
		5.7.2.2.1.2.2-27	k. Request FDE(s): (Sector Number/Facility or Position Identifier), (Posting List Header), (Flight Identification(s)).	478
		3.7.2.2.1.2.2-28	k. Request FDE(s): This message shall enable the controller to request one or more FDEs from another facility/sector within the parent ACCC and from another position within the TCCC.	478
	·	3.7.2.2.1.2.2-29	k. Request FDE(s): These FDEs shall be displayed in the Flight Doto Area at the requesting position.	478
T2.1.4.7	SUPPRESS FLIGHT DATA ENTRY FROM DISPLAY	3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	458
		3.7.2.2.1.1.2-09	The capability shall be provided for the controller to suppress and restore the display of each FDE at each position.	451
T2.1.4.B	RESTORE FLIGHT DATA ENTRY TO DISPLAY	3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	450
		3.7.2.2.1.1.2-29	The capability shall be provided for the controller to suppress and restore the display of each FDE at each position.	451
T2.1.4.10	UPDATE/REVISE CONTROLLER NOTE	3.7.2.2.1.1.1-88	SITUATION DISPLAY	442
		3.7.2.2.1,1,1.12-00	GEOGRAPHIC TAGGING	459
		3.7.2.2.1.1.1.12-02	The capability shall be provided for the controller to enter a string of alphanumerics starting at any geographic point designated by the UPSD or controller entered fix.	456
		3.7.2.2.1.1.10-00	CONTROLLER NOTEPAD DISPLAY	471
		3.7.2.2.1.1.10-81	This logical display shall contain controller-entered free-form text notes which have no 'semantic level' meaning to the system, but rather are treated as a string of undifferentiated characters.	471
		5.7.2.2.1.1.10-82	The capability shall be provided to quickly and easily edit or modify the contents of these notes.	47
T2.2.1.1	OBSERVE EDCT IN FDE	3.7.2.2.1.1.2.1-80	FLIGHT DATA READOUT DISPLAY	45
	1			

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2.2.1.1 cont'd)	OBSERVE EDCT IN FDE	3.7.2.2.1.1.2.1-01	The Flight Data Readout Display shall be established to show all of the flight data listed in Table 3.7-11 on one particular flight chosen by the controller.	454
2.2.2.2	RECEIVE NOTICE OF GROUND TRAFFIC DEVIATION	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
72.2.2.3	INFORM OTHER CONTROLLER/ SUPERVISOR OF GROUND TRAFFIC DEVIATION	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
T2.2.2.4	QUERY PILOT/ UPERATOR/ CONTROLLER REGARDING GROUND TRAFFIC DEVIATION	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-81	The TCCC shall provide the capability to communicate via electronic media.	43
T2.2.2.8	OBSERVE GROUND TRAFFIC DEVIATION ON ASDE DISPLAY	3.2.2.2-00	TCCC PHYSICAL CHARACTERISTICS	19
		รี.2.2.2.6 <i>-ซ</i> ีซี	EQUIPMENT LAYOUY	15
		3.2.2.2.6-Ø3	The ICCC equipment layout design shall also ergonomically accommodate a wide variety of other ATCT equipment integrated into the tower cob including Airport Surface Detection Equipment, inter/intra facility vaice and air/ground communications equipment and light guns.	15
T2.2.2.11	OBSERVE DISPLAY OF AIRCRAFT/ VEHICLE RESUMING CONFORMANCE	3.2.2.2.6-00	EQUIPMENT LAYOUT	15
		3.2.2.2.6 Ø3	The TCCC equipment layout design shall also ergonomically accommodate a wide variety of other ATCT equipment integrated into the tower cob including Airport Surface Detection Equipment, inter/intra facility voice and air/ground communications equipment and light guns.	15
		3.7.2.2.1.1.1-00	SITUATION DISPLAY	4
		3.7.2.2.1.1.1.1-00	GEOGRAPHIC AREA OF CONCERN	4
		3.7.2.2.1,1.1.5-00	TARGET AND TRACK DATA AND SYMBOLOGY	4
		3.7.2.2.1.1.1.4-00	TRACK VECTOR	4
		3.7.2.2.1.1.1.4-81	The Situation Display shall contain a velocity/distance vector associated with each track.	4

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12.2.3.2	RECEIVE FDE OF DEPARTURE	3.7.2.2.1.1.2.3-00	DEPARTURE LIST	457
12,2,3,2	AIRCRAFT	3.7.2.2.1.1.2.3-01	The Departure List shall contain information on all aircraft that are proposed to depart	457
		3.7.2.2.1.1.2.3-03	from the airport and that will be under the control of the particular position. a. Posting - Entries shall be posted when the flight is transferred to the position.	457
T2.2.3.4	REVIEW DEPARTURE LIST TO OPTIMIZE SEQUENCE	3.7.2.2.1.1.2.3-08	DEPARTURE LIST	457
		3.7.2.2.1.1.2.3-81	The Departure List shall contain information on all aircraft that are proposed to depart from the airport and that will be under the control of the particular position.	457
		3.7.2.2.1.1.2.3-08	b. Ordering - Flight Data Entries shall be ordered either automatically or manually under controller command.	457
12.2.3.5	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED DEPARTURE	3.7.2.1.3.5-00	WEATHER PROCESSING CAPABILITY	437
		3.7.2.1.3.5-Ø1	The TCCC shall accept digitized weather maps and weather text data from the ACCC and display them at tower control positions.	437
		3.7.2.2.1.1.1-08	SITUATION DISPLAY	442
		3.7.2.2.1.1.1.2-Ø8	GEOGRAPHIC MAP DATA	443
		3.7.2.2.1.1.1. 3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2.1.1.1.7-00	GRAPHIC WEATHER FROM ATC RADARS	449
ì		3.7.2.2.1.1.1.7-01	The Situation Display shall, at the controller's option, display graphic weather constructed from data obtained from Air Traffic Control radars.	449
		3.7.2.2.1.1.1.8-00	GRAPHIC WEATHER FROM REAL TIME WEATHER PROCESSOR (RWP)	449
		3.7.2.2.1.1.1.8-01	The Situation Display shall, at option of the controller, display graphic weather products obtained from the Real Time Weather Processor.	449
	3.7.2.2.1.1.1.8-02	Hazardous Area Outlines shall be coded to denote current areas, predicted areas, the type of weather, and hazardous weather alerts.	449	
ì		3.7.2.2.1.1.2-08	FLIGHT DATA DISPLAY	458
<u> </u>		3.7.2.2.1,1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	458
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2.2.3.5 cont'd)	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED DEPARTURE	3.7.2.2.1.1.5-00	SPECIAL LISTS	48
2.2.3.6	REVIEW DISPLAY OF TRAFFIC MANAGEMENT RESTRICTIONS FOR EFFECT ON SEQUENCE	3.7.2.2.1.1.5.6-00	TRAFFIC MANAGEMENT ADVISORY LIST	41
		3.7.2.2.1.1.5.6-01	The Troffic Monagement Advisory shall contain the flow restrictions applicable to the parent ACF.	4
		3.7.2.2.1.1.5.6-02	There shall be formats set in adoptation for each type of traffic management list entry.	4
		3.7.2.2.1.1.5.6-04	At leost the following types of flow restriction entries shall be supported: All Flights on Airways/No Directs, Flights on Specific Airways or over a Specific Fix, Specified Times Between Flights, Specified Miles-in-Trail Between Flights, Altitude Constraints, Meter Fix Time or (See SLS).	4
2.2.3.7	RESEQUENCE FDE MANUALLY	3.7.2.2.1.1.2.2-80	ARRIVAL LIST	4
		3.7.2.2.1.1.2.2-11	b. Ordering - In manual ordering, the controller snall have the capability to put a new FDE in the appropriate place in a list and to move FDEs with respect to one another.	4
		3.7.2.2.1.1.2.3-00	DEPARTURE LIST	4
		3.7.2.2.1.1.2.3-08	b. Ordering - Flight Data Entries shall be ordered either automatically or manually under controller command.	,
		3.7.2.2.1.1.2.3-12	b. Ordering - In manual ordering, the controller shall have the capability to put a new FDE in the appropriate place in a sublist and to move FDEs with respect to one another.	4
		3.7.2.2.1.1.2.4-00	CLEARANCE PENDING LIST	1
		3.7.2.2.1.1.2.4-05	In manual ordering, the controller shall have the capability to put a new FDE in a list and to move FDEs with respect to one another.	
		3.7.2.2.1.1.2.5-00	STANDBY LIST	
		3.7.2.2.1.1.2.5-02	This list shull have the same requirements for formatting and ordering as the Clearance Pending List.	,
		3.7.2.2.1.1.2.6~ฮีซี	OVERFLIGHT LIST	
		3.7.2.2.1.1.2.6-06	 b. Ordering - The list shall have the same requirements for ordering as the Departure List. 	

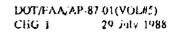
T2.2.3.8 INFORM PILOT OF CURRENT ATIS (WIND/ ALTIMETER/ RUNHAY IN USE) 3.7.2.1.3. 3.7.2.2.1 3.7.2.2.1 T2.2.3.10 VERIFY PILOT HAS CURRENT ATIS 3.7.2.2.1 3.7.2.2.1	The data contained in the ATIS message shall include: Name of terminal area; Identification of message by alphabetic character; Time of Weather observation; Weather Information (The current Surface Observation for the airport); Instrument/visual approaches and runways in use; (See SLS). SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data). a. 1. Critical Data shall include: Altimeter Setting.
3.7.2.2.1 3.7.2.2.1 3.7.2.2.1 72.2.3.10 VERIFY PILOT HAS CURRENT ATIS 5.7.2.2.1	include: Name of terminal area; Identification of message by alphabetic character; Time of Meather observation; Weather Information (The current Surface Observation for the airport); Instrument/visual approaches and runways in use; (See SLS). SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data). 1.1.3-10 a.1. Critical Data shall include: Altimeter Setting. a.2. Critical Data shall include: Current
3.7.2.2.1 3.7.2.2.1 3.7.2.2.1 72.2.3.10 VERIFY PILOT HAS CURRENT ATIS 3.7.2.2.1	Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data). 1.1.3-10 a.!. Critical Data shall include: Altimeter Setting. a.2. Critical Data shall include: Current
3.7.2.2.1 3.7.2.2.1 72.2.3.10 VERIFY PILOT HAS CURRENT ATIS 3.7.2.2.1	Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data). 1.1.3-10 a.1. Critical Data shall include: Altimeter Setting. a.2. Critical Data shall include: Current
3.7.2.2.1 T2.2.3.10 VERIFY PILOT HAS CURRENT ATIS 3.7.2.2.1	Setting. a.2. Critical Data shall include: Current
T2.2.3.10 VERIFY PILOT HAS CURRENT ATIS 3.7.2.2.1	
3.7.2.2.1	.1.1.3-00 SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY
	.1.1.3-03 Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).
3.7.2.2.1	a. Critical Data - The critical data page shall centain all data critical to a tower's operation.
3.7.2.2.1	.1.1.3-11 a.2. Critical Data shall include: Current ATIS designator.
T2.2.3.11 TRANSFER FDE TO OTHER 3.7.2.2.1	.1.2.2-88 FLIGHT DATA CHANGES
3.7.2.2.1	.1.2.2-42 s. Position-to-Position Transfer of Data: Flight Identification, Receiving Position.
3.7.2.2.1	s. Position-to-Position Transfer of Data: This message shall be used to transfer Flight Data Entries between positions in the tower.
T2.2.3.13 ENTER RUNLAY ASSIGNMENT FOR 3.7.2.2.1	.1.2.2-00 FLICHT DATA CHANGES
3.7.2.2.1	o. Runway Assignment: Flight Identification, Runway.
3.7.2.2.1	o. Runway Assignment: This message shall be used to assign or reassign a runway to an aircraft.
T2.2.3.14 ENTER TAXI START TIME 3.7.1.1.3	.3.4.3-000 DEPARTURE FLOW MANAGEMENT

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
2.2.3.14 cont*d)	ENTER TAXI START TIME	3.7.1.1.3.4.3-04	In addition, there shall be the option of ATCT controller entered schedule assignment as selected from a list of DFM computed eligible departure slot times.	29
		3.7.1.1.3.4.3-08	The ACCC shall accept manual schedule entries received from the TCCC.	29
		3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	4
		3.7.2.2.1.2.2-66	z. Deporture Flow Management Aircraft Data: Flight Identification, Start Taxi Time.	4.
		3.7.2.2.1.2.2-67	z. Departure Flow Management Aircraft Data: This message shall cause the start taxi time to be transmitted to the ACCC for processing by the DFM function.	4
12.2.4.1	RECEIN NOTICE OF MOVEMENT AREA CLOSURE/ REOPENING	3.7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4
	ENTER SYSTEM ENVIRONMENTAL AND STATUS DATA CHANGE MESSAGE	3.7.2.2.1.2.3-00	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	4
		3.7.2.2.1.2.3-01	The following messages shall be provided in the TCCC:	4
		3.7.2.2.1.2.3-d2	a. RVR Alarm Threshold Specification: The TCCC shall provide the capability to specify an alarm RVR threshold for each of the three RVRs for each runway assigned to that position.	4
		3.7.2.2.1.2.3-04	 b. A&M Data Amendment: A&M Data Type, (Station, Location or Area Identifier), (Altitude Limits), Text. 	,
		3.7.2.2.1.2.3-05	b. A&M Data Amendment: This message shall be used to modify the data stored in the Aeronautical and Meteorological data base.	4
		3.7.2.2.1.2.3-22	f. System Status Data Changes: The controller shall be able to change the System Status Data that are listed in Table 3.7-11C.	
		3.7.2.2.1.2.3-23	f. System Status Oata Changes: These messages shall change the text stored for the various categories of data but not affect the processing of any functions.	
		3.7.2.2.1.2.3-24	f. System Status Data Changes: Currently displayed data and subsequent requests for information shall reflect the new or additional information.	
T2.2.4.4	REQUEST RELEASE OF CLOSED MOVEMENT AREA	3.7.2.1.3.7-80	ATC MAIL	

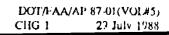
Task Number	Task Statement	Paragraph Number	Requirement	Pag No
T2.2.4.4 (cont'd)	REQUEST RELEASE OF CLOSED MOVEMENT AREA	3.7.2.1.3.7-ø1	The TCCC shall provide the capubility to communicate via electronic media.	43:
12.2.4.6	RECEIVE RELEASE/ USE OF CLOSED MOVEMENT AREA	3.7.2.1.3.7-ชล	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
T2.2.4.7	RECEIVE DENIAL OF USE OF CLOSED MOVEMENT AREA	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43:
T2.2.5.4	REQUEST TEMPORARY RELEASE OF MOVEMENT AREA	3.7.2.1.3.7-00	ATC MAIL	439
		3.7,2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T2.2.5.6	RECEIVE DELAY OF TEMPGRARY RELEASE OF MOVEMENT AREA	3.7.2.1.3.7-00	ATC MAIL	439
		5.7.2.1.3.7-01	The TCCC shall provide the copability to communicate via electronic media.	-3
T2.2.5.7	RECEIVE DENIAL OF TEMPORARY USE OF MOVEMENT AREA	3.7.2.1.3.7~66	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
T2.2.5.8	RECEIVE APPROVAL OF TEMPORARY USE OF MOVEMENT AREA	3.7.2.1.3.7~ed	ATC MAIL	43
		3.7.2.1.3.7-#1	The TCCC shall provide the capability to communicate via electronic media.	-5
T2.2.5.13	FORWARD NOTICE OF RETURN OF RELEASED MOVEMENT AREA	3.7.2 1.3.7-#8	ATC MAIL	45:
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
T2.2.6.1	RECEIVE REQUEST FOR TEMPORARY RELEASE OF MOVEMENT AREA	3.7.2.1.3.7-88	ATC MAIL	439
		3.7.2.1.3.7-#1	The TCCC shall provide the capability to communicate via electronic media.	439
72.2.6.4	FORWARD APPROVAL FOR TEMPORARY USE OF MOVEMENT AREA	3.7.2.1.3.7-ศัย	ATC MAIL	439
		3.7.2,1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
T2.2.6.5	FORWARD DENIAL OF TEMPORARY USE OF MOVEMENT AREA	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the copability to communicate via electronic media.	439
T2.2.6.6	RECEIVE RETURN OF MOVEMENT AREA TEMPORARILY RELEASED	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the copobility to communicate via electronic media.	439
T2,2,7.1	RECEIVE NOTICE OF RUNNAY/ TAXIMAY USAGE CHANGE	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T2.2.7.2	OBSERVE DISPLAY OF RUNAV/ TAXIMAY USAGE CHANGE	3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	458
		3,7.2,2.1.1.3-03	Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	458
*2.2.7.5	REVIEW SITUATION DISPLAY TO OPTIMIZE DEPARTURE SEQUENCE	3.7.2.2.1.1.1-00	SITUATION DISPLAY	442
*2 2 6 2	RECEIVE NOTICE OF MOVEMENT AREA INTRUSION BY NON-CONTROLLED OBJECT	3.7.2 1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-81	The TCCC shall provide the capability to communicate via electronic media.	439
72 2 4 3	INFORM UTHER CONTROLLER, SUPERVISOR, TRAFFIC OF MONEMENT AREA INTRUSION BY NON-CONTROLLED OBJECT	5.7.2 1.3.7- 86	ATC MAIL	439
		5 7 2 1,3,7-@1	The TCCC shall provide the cupubility to communicate via electronic media.	459
~2 2 % *	DESERVE MAIN CONTROLLED DEUEDT PROGRESS THROUGH MOVEMENT AREA	5.2.2.2 6-86	EQUIPMENT LAYOUT	195
		5.2.2.2.6-83	The TCCC equipment layout design shall also ergonomically accommodate a wide variety of other ATCT equipment integrated into the tower cab including Airport Surface Detection Equipment, inter/intra facility voice and air/ground communications equipment and light guns.	195
72.2.8.5	OBSERVE NON-CONTRO LED CBJECT ON ASDE DISPLAY	3.2.2.2.6-00	EQUIPMENT LAYOUT	195

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
2.2.8.5 cont 'd)	OBSERVE NON-CONTROLLED OBJECT ON ASDE DISPLAY	3.2.2.2.6-05	The TCCC equipment layout design shall also enganomically accommodate a wide variety of other ATCT equipment integrated into the tower cab including Airport Surface Detection Equipment, inter/intra facility voice and air/ground communications equipment and light guns.	19!
2.3.1.2	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED CLEARANCE	3 2.2.2.6-08	EQUIPMENT LAYOUT	19
		5.2.2.2.G-03	The TCCC equipment layout design shall also ergonomically accommodate a wide variety of other ATCT equipment integrated into the towar cab including Airport Surface Detection Equipment, interfintra facility valce and air/ground communications equipment and light guns.	19
		3.7?.1.3.5-00	MEATHER PROCESSING CAPABILITY	43
	3.7.2.1.3.5-01	The TCCC shall accept digitized weather maps and weather text asta from the ACCC and display them at tower control positions.	43	
	3.7.2.2.1.1.1-00	SITUATION DISPLAY	44	
	3 7.2.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	4	
		3.7.2.2.1.1.1.3-20	FARGET AND TRACK CATA AND SYMBOLOGY	4.1
		3.7.2.2.1.1.1.7-60	GRAPHIC WEATHER FROM ALC ENDARS	44
		3.7,2.2.1.1.1.7-81	The Situation Display small, at the controller's option, display graphic weather constructed from data obtained from Air Traffic Control radars.	44
		3.7.2.2.1.1.1 6-00	GRAPHIC WEATHER FROM REAL TIME WEATHER PROCESSOR (RWP)	44
		3.7.2.2.1.1.1.8-01	The Situation Display shall, at option of the controller, display graphic weather products obtained from the Real lime Weather Processor.	6.4
		5.7.2 2.1.1 1.8-02	Hozondous Area Outlines sho'l be coded to denote current areas, predicted areas, the type of weather, and hazardous weather alents.	•
		3.7.2,2.1.1.2-04	FLIGHT DATA DISPL V	4
		3 7.2.2.1 1 3-ยต	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	
		3.7.2.2.1 1.5-00	SPECIAL LISTS	4
72.3.1.3	TRANSFEE FOR TO CLEARANCE DELIVENTY FLIGHT DATA FOR AMERIMENT	3.7 2.2.1.2.2-70	FLIGHT DATA CHANGES	4



cont'd)			₹	T
1	TRANSFER FDE TO CLEARANCE DELIVERY/ FLIGHT DATA FOR AMENDMENT	3.7.2.2.1.2.2-44	t. Transfer for Amendment: Flight Identification.	475
		3.7.2.2.1.2.2-45	t. Transfer for Amendment: This message snall be used to route to a Clearance Delivery/Flight Data position the identification of a departure flight for which a flight plan data modification is required.	479
		3.7.2.2.1.2.2-46	t. Transfer for Amenament: After the appropriate modifications are made, the new flight data shall be displayed to the requesting position with amended fields emphasized for acknowledgement.	47
	EMPHASIZE FIR FUR KEMINDER ACTION	3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	45
		3.7.2.2.1.1.2-6/	The controller shall be provided the capability to emphasize an entire FCE with some display coding technique and subsequently to restorn the FDE to its normal display.	45
		3.7.2.2 1.2.7-&B	FEIGHT DATA CHANGES	47
		5.7.2.2.1.2.2-02	i. FDF and Oato Field Emphasis. Flight Identification, Field to be Emphasized, imphasized Data	1
		3.7.2.2.1.2.2-23	i. FDC and Cata Field Emphasis: This message stall enable the controller to add, modify, on delete an emphasis on centum data fields in Table 3.7-11.	47
72 3 1	DELETE FOE EMPHASIS	3.7,2.2.1.1.2-88	FLIGHT DATA DISPLAY	4
		5.7.2.2.1,1.2-8-	The controller shall be provided the cupubility to emphasize on entire FDE with some display coung technique and subsequently to restore the FDE to its normal unaplay.	41
		3 7.2 2 1.2 2-6¢	FLIGHT WATA CHANNES	4
		3.7.2.2.1.2.2-22	i. FDE and Buta Field Emphasis: Flight laentification, Field to be Emphasized, Emphasized, Cata	-
		3.7.2.2.3 2 2-23	: FDE and Dath Field Emphasis: This message shall enable the controller to odd, modify, or delete on emphasis on certain data fields in Table 3.7-11.	4
f2.* 2.1	RECEIVE NOTICE OF STOIM, CONDITION THERSENCY	3.7.2 1 3.7-80	ATC MAIL	4
,) }	3 7.2 1.3.7-61	the TCCC shall provide the capability to communicate via electronic media.	4



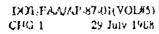
Task Number	Task Statement	Paragraph Number	Requirement	Page No
2.3.2.4	FORWARD SPECIAL CONDITION/ FREESENCY INFORMATION TO SUPERVISOR/ OTHER CONTROLLER	3.7.2.1,3.7-00	ATC MASE	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic accida.	43
2.3.2.5	DECLARE EMERGENCY AND INVOKE CONTINGENCY PLAN	5.7.2.1 3 .7 -8 6	ATC MATL	43
		3.7.2.1.3 7-01	The TCCC shall provide the capability to communicate via electronic media.	43
2.3.2.6	RECEIVE SUPERVISOR NOTICE OF EMERGENCY DECLARED AND CONTINGENCY PLAN INVOKED	3.7,2,1,3,7-80	ATC MAIL	43
		3 7.2.1.3.7-01	The TCCC shall provide the engagelity to communicate via electronic means.	43
72.3.2.11	PEQUEST RAMP SEARCH FOR OVERDUE AIRCRAFT	3 7.2 1.3." MĐ	ATC MATE	43
		3.7.2.1.3.7-61	The TCCC shall provide the conobility to communicate via electronic actio.	43
2.3.2.12	ISSUE INSTRUCTIONS FOR REQUIRED OF EMENGENCY EQUIPMENT	3.7 2 1.3.7 88	ATC WALL	4:
		3.7.2.1.3 7-81	The TOSC shall provide the capability to communicate via electron a media.	4
2,3,2,73	RECEIVE NOTICE OF TERMINATION OF SPECIAL CONDITIONS THEREPROY	3 7.2.17-36	ATC MOIL	\
	<u> </u>	3 7.2 1.3 7.51	The TCCC thush provide the capability to accountable to alectronic media	1.
2 3 2.1u	FORWARD NOTICE OF TERMINA ION OF SPECIAL CONDITIONAL ENGINEERS.	\$ \$.0.2 \$ \$.7-ed	ATC MAIL	4
		3.7.2 1.3.7-81	The TCCC shall provide the capability to communicate via electronic media.	4
2.3.2.15	OUR SENTIFIC GESELVA LEATETH CONLINCENCA CHECKT [2]	3 7.2 2 1 1 2 60	STATIC INFORMATION DISPLAY	
		\$.7 2.2.1 1.7-87	Any struct display during thems containing exergency operations on contingency plan-checklists uboll be arranged and coded so as to be quickly one essily recognized, queetsed and utilized.	
12 3 2 16	INFORM DESTGNATED PERSONNEL OF SPECIAL CONDITIONS ENERGENCY	\$.7.2.1.3.7-#6	ATO MATE	
				İ

Task Number	Task Statement	Paragraph Number	Requirement	Pag
T2. 3 .2.16 (cont'd)	INFURM DESIGNATED PERSONNEL OF SPECIAL CONDITION/ EMEPGENCY	3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4.3
T2.3.3.1	RECEIVE NOTICE OF SPECIAL OPERATION	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
72.3.3.2	PERCEIVE PRESENCE OF SPECIAL OPERATION	3.7.2.2.1.1.1-00	SITUATION DISPLAY	4
		3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	4
		3.7.2.2.1.1.1.3-24	The information conveyed in the track position symbol and Full Data Black shall be adaptable from the following set of data: Callsign, Made C Alritude or Pilot-Reported Altitude and Indication of Pilot-Reported Altitude, Handoff Status/Indicator, Exception Beacon Code, (See SLS).	44
		3.7.2.2.1.1.2~00	FLIGHT DATA DISPLAY	4
		3.7.2.2.1.1.3-60	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	4
		3.7.2.2.1.1.3-Ø3	Dota for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	4
72.3.3.3	INFORM OTHERS OF SPECIAL OPERATION	3.7.2.1.3.7-80	ATG MAIL	4
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4
72.3.3.5	RECEIVE NOTICE OF TERMINATION OF SPECIAL OPERATION	3.7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.5.7-01	The TCCC shall provide the capability to communicate via electronic media.	4
2.3 3.6	ENTER TERMINATION OF SPECIAL OPERATION	3.7.2.2.1.2.3-00	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	4
		3.7.2.2.1.2.3-22	f. System Status Data Changes: The controller shall be oble to change the System Status Data that are listed in Table 3.7-11C.	4
72.3.5.1	OBSERVE ARRIVAL AIRCRAFT ON STITUATION DISPLAY	3.7.2.2.1.1.1-00	SITUATION DISPLAY	4
		3.7.2.2.1.1 1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	t ₂
72.3.5.3	RECEIVE FDE OF ARRIVAL AIRCRAFT IN ARRIVAL LIST	3.7.2.2.1.1.2.2-Ø6	ARRIVAL LIST	l u

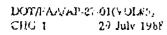
Task Number	Task Statement	Paragraph Number	Requirement	Page No.	
T2.3.5.3 (cont'd)	RECEIVE FDE OF AFRIVAL AIRCRAFT IN ARRIVAL LIST	3.7.2.2.1.1.2.2-01	The Arrival List shall contain information on all direcraft that are arriving at the airport and that will be under control of the particular position.	457	, ;
T2.3.5.4	RECEIVE ARRIVAL AIRCRAFT ENTRY IN LAST AIRCRAFT TO LAND LIST	3.7.2.2.1.1.5.3-00	LAST AIRCRAFT TO LAND AT AIRPCRT LIST	466	-
		5.7.2,2.1,1.5.3-01	This logical display list shall contain information on the current sequence of directft scheduled to land at a particular dirport and the directft that have most recently landed.	466	
T2.4.1.1	REQUEST WEATHER INFORMATION	3.7.1.1.3.6-0 _b	WEATHER PROCESSING CAFACILITY	297	,
		3,7,1.1,3,6-62	The ACCC shall segment and distribute J1 wouther products within the computer complex and to associated 3CCCs based on adaptation or an equest by the controllers.	(37	
		3.7.1,1.3.6.1-0à	PROCESSING OF GRAPHIC WEATHER DATA	297	7
		3.7.1.1.3.6.1-05	The AV.CC shall code, t and process woather dath from AVC hadains and display the weather data.	298	В
		3.7.1.1.3.6.1-26	The ACC, shall stone this arriphic AIL weather information and distribute it to spendional positions and associated TCCCs used on adaptation or on against by the controllers.	238	O.
		3.7 1.1.3.6 1 **	{ The ACO shall send ungates to obridational { not about and ACOs for weather data { unably along itsplayed }	2.0	¥ 9
		3.7.1.1.3.6.2-00	ALPHANUMERIC WESTHER DATH	291	8
		キ.7.1.1.3.G.2-±5	The ACCO shall along these distances, a weather products and distribute them to operational positions and distribute them to operational positions and distribute the total or adoptation and on request by the controllers.	29	a
		3.7.1.1 3 6.2-16	Additionally, controllers shall we able to request PIREPs b, geographic area a round of is or by gauge ophic area along a line from lix-to-fix and optionally provide altitude limit.	29	8
		3.7.2.1.3 5-63	MEATHUR PROCESSING CAPABILITY	45	7
		3.7.2.1.5.5-42	Controller input for own rol of the display of washer auto shall or the lowe of specified for the ALCO Approach Control position.	43	7
		₹ 7.2.1.5.2-86	ATC MAIL	4.3	i5
		3.7.2.1.3.7-61	The 1888 shall provide the capability to communicate via electronic media.	43	,,,



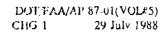
Task Mumber	Task Statement	Paragraph Number	Requirement	Pag No
2.4.1.1 cont'd)	REQUEST HEATHER INFORMATION	5.7.2.2.1.1.1-00	SITUATION DISPLAY	44
cont d)		3.7.2.2.1.1.1.7-00	GRAPHIC WEATHER FROM ATC RADARS	44
		3.7.2.2 1.1.1.7-81	The Situation Display shall, at the controller's option, display graphic weather constructed from data obtained from Air Traffic Control radars.	44
	 	5.7 .2.2. 1.1.1.7- 0 2	The controller shall be able to select one, two, and three levels of precipitation for simultaneous display.	44
		3,7.2.2.1.1.1.8-00	GRAPHIC WEATHER FROM REAL TIME WEATHER PROCESSOR (RWF)	4.
		3.7.2.2.1.1 1.8-61	The Situation Display shall, at option of the controller, display graphic weather products obtained from the Real Time Weather Processor.	4
		3.7.2.2.1.1.1 3-8G	The controller shall be able to select an individual altitude layer or to combine altitude layers of a product such that one maximum intensity in a grid cell is displayed.	
		3.7.2.2.1.1.¹.8-¤7	It should be possible to select for concurrent display six intensity levels of layered precipitation, six intensity levels of layered turbulence, the echo sups mosaid, one hazardous weather area outline product, one IFR area outline product, and the point acts mosaid product.	
		3.7.2.2.1.1.1.3-19	The capability shall be provided for automotic and controller-selectable filthing by geographic area and altitude.	
		3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DAYA DISPLAY	
		3.7.2.2.1.1.3-Ø3	Data for this display or? summarized in Tables 3,7-11 A. B. and C (A&M Data, Airport Environmental Data, System Status Lulu).	
		3.7.2.2.1,1.3-29	h. Aeronautical and Mateurological (A&M) Data Paga - The A&M Data page shall contain componautical and meteorological intermotion that May be of interest to the controller	
		3,7,2,2,1,1,5-30	h. Aeronautical and Netenrological (A&M) Outa Page - The controller shall be able to request all MOTAMS and PIREPs applicable to the airport, the cornent ATIS message, weather for pilot requested disports, etc.	
2.4 1.7	ISSUE WEATHER/ ADVISORY/ UPDATE TO PILOTY ANOTHER CONTROLLER	5.7.2.1.5.2.20	ATO MAZE	
		↑ 7.2.1.8.7-@1	The TODO shoil provide the repeability to communicate via electronic modio.	



able to select one, f precipitation for ily distinguishable controller and shall evel. matic and tering by geograpc	GRAPHIC WEATHER FROM ATC RADA The Situation Display shall, controller's option, display constructed from data obtaine Traffic Control radars. The controller shall be able two, and three levels of precisimultaneous display. Each level shall be easily difrom all others by the controller annotated with the level. The copobility for automatic	3.7.2.2.1.1.1-00 3.7.2.2.1.1.1.7-00 3.7.2.2.1.1.1.7-01 3.7.2.2.1.1.1.7-02	OUSERVE WEATHER AREA/ INTENSITY/ CEILING/ BASE/ HEIGHT/ MOVEMENT/ VISIBILITY/ WINUS	T2.4.1.4
able to select one, f precipitation for for and tering by geograpc	The Situation Display shall, controller's option, display constructed from data obtaine Traffic Control radars. The controller shall be able two, and three levels of precisimultaneous display. Each level shall be easily difrom all others by the control be annotated with the level.	3.7.2.2.1.1.1.7-01 3.7.2.2.1.1.1.7-02		
able to select one, f pracipitation for ily distinguishable controller and shall evel. matic and tering by geograpc	controller's option, display constructed from data obtaine Traffic Control radars. The controller shall be able two, and three levels of precimultaneous display. Each level shall be easily difrom all others by the control be annotated with the level.	3.7.2.2.1.1.1.7-02		
f pracipitation for ily distinguishable controller and shall evel. matic and tering by geograpc	two, and three levels of pred simultaneous display. Each level shall be easily di from all others by the contro be annotated with the level.			
controller and shall evel. matic and 449 tering by geograpc	from all others by the contro be annotated with the level.	3.7.2.2.1.1.1.7-03	3.7,2.2.1.1.1.7-02	
teriny by geograpc	The comphility for automatic	3.7.2.2.1.1.1.8-00 3.7.2.2.1.1.1.8-01		
ALTIME WEATHER 419	controller-selected filtering area shall be provided.			
, 4	GRAPHIC WEATHER FROM REAL TIME WEATHER PROCESSOR (RUP)			
graphic weather	The Situation Display shall, the controller, display graph productr obtained from the Refrocessor.		3.7.2.2.1.1.1.8-Ø1 3.7.2.2.1.1.1.8-Ø2	
redicted areas, the	Jenute current areas, predicted areas, the typh of weather, and hazardous weather alerts. JER aren outlinet shall be coded to denote current areas and predicted press.	3.7.2.2.1.1.1.8- 0 2		
		3.7.2.2.1.1.1.8-05 Each product she from all others amountated us to 3.7.2.2.1.1.1.4-06 The controllers individual littable layers		
conditional and				
en on wo combine of a duct such that one	The controller shoul be oble individual littude layer or altitude layers of a product maximum intervity in a grid of splayed.			
intensity levels of six intensity levels the work tops worners, when Culling product,	It shall be possible to selections when the consumer display six intensity e.ed precipitation, six in of layered to belonce, the end one lazardow, weother ones one IFR ones outling product data mossic product.	3.7 2.2.1.1.1.8-87		
	Multiple intensity levels di- product shall be easily dist	5.7.2.2.1.1.1.6-69		
		•		



Task Number	Task Statement	Paragraph Number	Requirement	Pa
				T
2.4.1.4 cunu'd)	OBSERVE WEATHER AREA/ INTENSITY/ CEILING/ BASE/ HEIGHT/ MOVEMENT/ VISIBILITY/ WINDS	3.7.2.2.1.1.1.8-10	The capability shall be provided for automatic and controller-selectable filtering by geographic area and altitude.	4
2.4.1.5	RECEIVE WEATHER ADVISORY FROM ANOTHER CONTROLLER/ SUPERVISOR	3.7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4
2.4.1.6	OBSERVE SIGNIFICANT AERONAUTICAL AND METEOROLOGICAL DATA	3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	4
		3.7.2.2.1.1.3-29	h. Aeronautical and Meteorological (A&M) Data Page - The A&M Data page shall contain aeronautical and meteorological information that may be of interest to the controller.	
	! ! !	3.7.2.2.1.1.4-00	ALERT AND RESOLUTION DISPLAY	
		3.7.2.2.1.1.4-07	Aeronautical and meteorological alerts, such as SIGMETs and AIRMETs and urgent fiREPs shall be displayed in the Aiert Display for controller acknowledgement.	
2.4.1.7	ENTER PIREP INTO SYSTEM	3.7.2.1.3,5-00	HEATHER PROCESSING CAPABILITY	
		3.7.2.1.3.5-02	Controller input for control of the display of weather data shall be the same as specified for the ACCC Approach Control position.	
		3.7.2.2.1.2.3-60	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	
		3.7.2.2.1.2.3-88	 d. PIREP: (Flight Identification), (Type Aircroft), (Lecution), (Time), (Coordination), Text. 	
		5.7.2.2.1.2.3-29	d. PIRCH: This metsage shall be used to generate and naute a pilot report via the purent ACCO to any designated ALLC positions or associated TCCCs that are included in the Coordination field.	
		3.7.2.2.(.2.3-18	d. PIREP: Either flight identification or type must be entered.	
		5.7.2.2.1.7.3-11	d. PIREP: If type but not flight identification is provided, the location must also be provided.	
		3.7.2.2.1.2.3-12	d. PIREF: If flight identification but not type is provided, then type shall be provided by the AAS cosed on the flight data base.	
	e y Processor Landson Control of the	5.7.2.2.1.2.3-15	d. PIREP. When location and time are not provided by the controller, they shall be provided by the /AS based on current time and present position of the uncouft.	



		1	- ,	
	CONTROL SEATISED THEORETION TO	7 7 9 4 7 7 9		439
1	FORWARD WEATHER INFORMATION TO SUPERVISOR	3.7,2.1,3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
2.4.2.1	FORWARD RUNWAY CONDITION DATA	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
2.4.2.2	RECEIVE REQUEST TO OBTAIN PIREP	3.7.2.1.3.7-00	ATC MAIL	439
		-3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
2.4.2.3	RECEIVE WEATHER REPORT/ UPDATE	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
		3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	458
		3.7.2.2.1.1.3-03	Data for this display ore summarized in Tobles 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	458
		3.7.2.2.1.1.3-06	All displayed information shall be updated automatically when changes are reported.	459
		3.7.2.2.1.1.3-18	a.9. Critical Data shell include: One meteorological message chosen by the controller.	45
		3.7.2.2.1.1.3-29	h. Aeronautical and Meteorological (A&M) Dota Page - The A&M Data page shall contain aeronautical and meteorologi.al information that may be of interest to the controller.	461
(2.4.2.4	RECORD NEATHER OBSERVATION	3.7.2.2.1.2.3-66	SYSTEM ENVIRUNMENTAL AND SYSTEM STATUS DATA	48
		3.7.2.2.1.2.3-64	b. A&M Data Amendment: A&M Dota Type, (Station, Location or Area Identifier), (Altitude Limits), Text.	48
		3.7.2.2.1.2.3-05	b. A&M Data Amendment: This message shall be used to modify the data stored in the Aeronautical and Meteorological data base.	48
12.4.2.5	RECEIVE RUNHAY CONDITION DATA	3.7.2.1.3.7-ซอ	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
		3.7.2.2.1.1.3-60	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	45

Task Number	Task Statement	Paragraph Number	Requirement	Pag
2.4.2.5 (cont'd)	RECEIVE RUNHAY CONDITION DATA	3.7.2.2.1.1.3-03	Data for this display are summarized in Tables 3.7-11 A. B. and C (A&M Data, Airport Environmental Data, System Status Data).	49
		3.7.2.2.1.1.3-12	c.3. Critical Data shall include: Center-field wind direction, velocity, and gusts.	45
1		3.7.2.2.1.1.3-14	a.5. Critical Data shall include: Runway visual range visibility figures for up to 3 RVR's per runway for each of up to five runways and the RVR thresholds for each of the RVR's.	45
		3.7.2.2.1.1.3-25	d. RVR Status Page - The RVR Status page shall contain the RVR data for all runways on the airport as opposed to just the runways shown on the critical data page.	4
T2.4.2.6	REQUEST PIREP	3.7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4
T2.5,1.1 BRIEF R	BRIEF RELIEVING CONTROLLER	3.7.2.2.1.1.7-00	STATIC INFORMATION DISPLAY	4
		3.7.2.2.1.1.7-02	The following table lists the data that shall be displayed: (See SLS).	4
		3.7.2.2.1.1.7-03	The capability shall be provided to display data items selected from the above lists.	4
72.5.1.2	SIGN OFF AT CONSOLE	3.7.1.2.1.2.9-00	SIGN ON/SIGN OFF] ;
		3.7.1.2.1.2.9-04	b. Sign Off: User Identification, (Operational Responsibility Designator(s)).] :
		3.7.1.2.1.2.9-05	b. Sign Off: This message shall be used to enable a person to sign off an operational position.	1
		3.7.2.2.1.2.7-00	SIGN ON/SIGN OFF	4
		3.7.2.2.1.2.7-01	The set of messages specified in 3.7.1.2.1.2.9 shall apply.	4
12.5.2.1	SET UP TPC ADAPTATION PARAMETERS	3.7.1.1.3.7,5-00	DISPLAY PREFERENCE SET PROCESSING	
		3,7,1,1,3,7,5-01	The capability shall be provided for each controller to establish multiple preference sets for each of multiple sectors for a total of 10 preference sets per controller.	

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
T2.5.2.1 (cont'd)	SET UP TPC ADAPTATION PARAMETERS	5.7.1.1.3.7.5-02	Each display preference set shall be uniquely identifiable and shall contain the location and size of logical display viewports on physical displays, the data item assignments to each brightness control group, the selection of display attributes, and the selection of posting, ordering (See SLS).	300
		3.7.1.1.3.7.5-03	The capability shall be provided for each controller to modify his/her own preference set.	301
		3.7.1.2.1.2.9-00	SIGN ON/SIGN OFF	396
		3.7,1,2.1,2,9-Ø6	c. Modify Display Preference Set: User Identification, Password, Display Preference Identifier, Data to be Changed,	396
		3.7.1.2.1.2.9-07	c. Modify Display Preference Set: This message shall be used to modify one's own display preference set(s).	39
		3.7.2.1.3.9-88	DISPLAY PREFERENCE SET PROCESSING	441
		3.7,2,1.3.9-01	The requirements of 3.7.1,1.3.7.5 shall opply.	441
		3.7.2.2.1.2.7-00	SIGN ON/SIGN OFF	48!
		3.7.2.2.1.2.7-0;	The set of messages specified in 3.7.1.2.1.2.9 shall apply.	48
г2.5.2.2	RECEIVE CONTROLLER RELIEF BRIEFING	3.7.2.2.1.1.7-00	STATIC INFORMATION DISPLAY	46
		3.7.2.2.1.1.7-02	The following table lists the data that shall be displayed: (See SLS).	46
		3.7.2.2.1.1.7-03	The capability shall be provided to display data items selected from the above lists.	47
		3.7.2.2.1.1.10-08	CONTROLLER MOTEPAD DISPLAY	47
		3.7.2.2.1.1.18-84	These notes shall only be displayed at the enturing position and shall remain in the logical display until the controller takes on action to delete them.	47
T2.5.2.4	SIGN ON AT DESIGNATED CONSOLE	3.7,1.2.1.2.9-00	SIGN ON/SIGN OFF	39
		3.7.1.2.1.2.9-84	 b. Sign Off: User Identification, (Operational Responsibility Designator(s)). 	39
		3.7.1.2.1.2.9-#5	 b. Sign Off: This message shall be used to enable a person to sign off an operational position. 	39
		5.7.2.2.1.2.7-00	SION ON/SION OFF	48

Task Number	Tusk Statement	Paragraph Number	Requirement	Pag No
(2.5.2.4 (cont'd)	SIGN ON AT DESIGNATED CONSOLE	3.7.2.2.1.2.7-01	The set of messages specified in 3.7.1.2.1.2.9 shall apply.	48
72.5.2.5	REQUEST IMPLEMENTATION OF TPC ADAPTATION PARAMETERS	3.7.1.1.3.7.5-00	DISPLAY PREFERENCE SET PROCESSING	30
		3.7.1.1.3.7.5-04	The capability shall be provided for the controller to display and to invoke a display preference set selectable from all sets established in the ACCC.	30
		3.7.1.1.3.7.5-b/5	The controller shall be able to display and to invoke an entire preference set or portions of a preference set which deal with individual logical displays.	36
		3.7.1.1.3.7.5-06	If the controller chooses to invoke portions of the requested preference set, the system shall use the contents of that set which apply to the individual logical display(s), exclusive of logical display viewport location(s).	31
		5.7.1.2.1.2.9-00	SICN ON/SIGN OFF	3
		3.7.1.2.1.2.9-#8	d. Display/Invoke Display Preference Set: Display Preference Identifier, (Logical Display Identifier(s)), (Current Display Selections), (Invoke), (Logical Display Viewport Location(s)).	3
		3.7.1.2.1.2.9-10	d. Display/Invoke Display Preference Set: This message shall be used to display a preference set selectable from all sets established in the ACCC.	3
		3.7,1.2.1.2.9-11	d. Display/Invoke Display Preference Set: The controller shall be able to display an entire preference set or portions of the requested preference set which deal with individual logical displays.	;
		3.7.1.2.1.2.9-12	d. Display/Invoke Display Preference Set: If current display selections are requested, the Display Control selections currently in use at the operational position shall be displayed in addition to the requested display preference set.	
		3.7.1.2.1.2.9-13	d. Display/Invoke Display Preference Set. This message shall be used to invoke the displayed preference set that has been selected for display, and to specify logical display viewport location(s) if applicable.	
		3.7.2.1.3.9-00	DISPLAY PREFERENCE SET PROCESSING	
		3.7.2.1.3.9-01	The requirements of 3.7 1.1.3.7.5 shall apply.	,
		3.7.2.2.1.2.7-00	SION ON/SION OFF	

Task Statement	Paragraph Number	Requirement	Page No.
REQUEST IMPLEMENTATION OF TPC ADAPTATION PARAMETERS	3.7.2.2.1.2.7-01	The set of messages specified in 3.7.1.2.1.2.9 shall apply.	485
ADJUST PARAMETERS AND DISPLAY TO PERSONAL PREFERENCE	3.7.2.2.1.1-00	DISPLAYED DATA	449
	3.7.2.2.1.1-07	The time of day in hours, minutes and seconds shall be displayed at all TCCC Position Consoles on a physical display at adapted positions.	441
	3.7.2.2.1.1-08	The controller shall be able to alter the position for the display of time.	44
	3.7.2.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	44
	3.7.2.2.1.1.1.3-54	The controller shall be able to adjust the intensity of the data block display by type.	44
	3.7.2.2.3.1-00	GENERAL DISPLAY REQUIREMENTS	48
	3.7.2.2.3.1.1-00	SYMBOL GENERATION	49
	3.7.2.2.3.1.1-03	The Console shall provide for operator selection of symbol sizes.	49
REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE SELF	3.7.2.1.3.6.1~00	ENVIRONMENTAL DATA ACCEPTANCE AND MAINTENANCE	43
	3,7.2.1.3.6.1-01	The TCCC shall provide interfaces with the airport equipment specified in Section 10, Table 10.2-1 and shall accept and maintain the operational, alarm, and status duta received from equipment systems.	43
	3,7.2.2.1.1.3-ØØ	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	4
	3.7.2.2.1.1.3-03	Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	45
	3.7.2.2.1.1.3-#8	At least the following data pages shall be adopted at each position and at least two pages shall be displayable simultaneously.	45
	3.7.2.2.1.1.3-09	a. Critical Data - The critical data page shall contain all data critical to a tower's operation.	4
	3.7.2.2.1.1.3-22	b. Outage Summary - The outage summary page shall contain present outages on all equipment included in the system.	4
	3.7.2.2.1.1.3-25	d. RVR Status Page - The RVR Status page shall contain the RVR data for all runways on the airport as opposed to just the runways shown on the critical data page.	4
	REQUEST IMPLEMENTATION OF TPC ADAPTATION PARAMETERS ADJUST PARAMETERS AND DISPLAY TO PERSONAL PREFERENCE REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE	REQUEST IMPLEMENTATION OF TPC ADAPTATION PARAMETERS ADJUST PARAMETERS AND DISPLAY TO PERSONAL PREFERENCE 3.7.2.2.1.1-07 3.7.2.2.1.1-07 3.7.2.2.1.1.3-00 3.7.2.2.3.1-00 3.7.2.2.3.1-00 3.7.2.2.3.1-00 3.7.2.2.3.1-00 3.7.2.2.3.1-00 3.7.2.2.3.1.1-00 3.7.2.2.1.1.3-00 3.7.2.2.1.1.3-00 3.7.2.2.1.1.3-00 3.7.2.2.1.1.3-00 3.7.2.2.1.1.3-00 3.7.2.2.1.1.3-00	REQUEST IMPLEMENTATION OF TPC ADMPTATION PREFERENCE 3.7.2.2.1.1-88 ADJIST PARAMETERS AND DISPLAY TO PERSONAL PREFERENCE 3.7.2.2.1.1-87 The time of day in hours, minutes and seconds shall be displayed at all TCCC Polition Connoles on a physical display at adapted prositions. 3.7.2.2.1.1-88 The controller shall be oble to alter the position for the display of time. 3.7.2.2.1.1.1.5-98 The controller shall be oble to alter the position for the display by type. 3.7.2.2.1.1.1.5-98 The controller shall be oble to adjust the intensity of the acta block display by type. 3.7.2.2.3.1-88 SYMBOL GENERAL DISPLAY REQUIREMENTS SYMBOL GENERALION The Console shall provide for operator selection of symbol sizes. SYMBOL GENERALION The Console shall provide for operator selection of symbol sizes. SYMBOL GENERALION The TCCC shall provide interfaces with the autrophysical selection of symbol sizes. 3.7.2.1.3.6.1-81 The TCCC shall provide interfaces with the autrophysical selection of symbol sizes. 3.7.2.2.1.1.3-85 The TCCC shall provide interfaces with the autrophysical selection of symbol sizes. 3.7.2.2.1.1.3-85 3.7.2.2.1.1.3-86 SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY 3.7.2.2.1.1.3-89 AL Least the following data pages shall be adducted to compassion and at least two pages shall be displayable simultaneously 3.7.2.2.1.1.3-99 a. Critical Boto - The critical sate page shall contain all data critical to a lower's operation. 3.7.2.2.1.1.3-25 d. NUS Status Page - The RVR Status page shall contain all data critical to a lower's operation. 4. PVS Status Page - The RVR Status page shall contain all data critical to a lower's operation.

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T2.5.2.7 (cont'd)	REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE SELF	3.7.2.2.1.1.3-26	e. VASI Status Page - The VASI Status page shall contain the status of all Visua! Approach Slape Indicators at the airport.	460
		3.7.2.2.1.1.3-27	f. ILS/MLS Manitor Page - The ILS/MLS monitor page shall contain the status of all ILS ana/or M.S equipment at the airport.	460
	3.7.2.2.1.1.3-28	g. LLWAS Status Page - The LLWAS status page shall contain the boundary winds from the Low Level Wind Shear Alert System for all runways.	460	
		3.7.2.2.1.1.4-00	ALERT AND RESOLUTION DISPLAY	465
		3.7.2.2.1.1.4-03	Equipment outages and repairs shall be displayed in the Alert Display to the controller for his acknowleagement.	465
12.5.2.8	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER	3.7.2.2.1.1.1-00	SITUATION DISPLAY	442
		3.7.2.2.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	443
		3.7.2.2.1.1.1.3-02	All targets detected by surveillance sensors (transponder, radar or radar-reinforced transponder) shall be available for presentation on the Situation Display.	443
	5.7.2.2.1.1.1.3-04 3.7.2.2.1.1.1.3-24	5.7.2.2.1.1.1.3-04	The Situation Display shall contain current position data for various categories of targets and tracks, and position history data for targets.	44.
		The information conveyed in the track position symbol and Full Data Block shall be adaptable from the following set of data: Collsign, Made C Altitude or Pilot-Reported Altitude and Indication of Pilot-Reported Altitude, Kandoff Status/Indicator, Exception Beacon Code, (See SLS).	44,	
		3.7.2.2.1.1.1,8-00	GRAPHIC WEATHER FROM REAL TIME WEATHER PROCESSOR (RWP)	44
		3.7.2.2.1.1.1.8-01	The Situation Display shall, at option of the controller, display graphic weather products obtained from the Real Time Weather Processor.	44
		3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	45
		3.7.2.2,1.1,2-01	The Flight Data Displays shall consist of six logical aisplays: Flight Data Readout Display, Arrival List, Departure List, Clearance Pending List, Standby List, and Overflight List.	45
		3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	45

Tosk Number	Task Statement	Paragraph Number	Requirement	Page No.
T2.5.2.8 (cont'd)	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER	3.7.2.2.1.1.3-03	Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	458
		3.7.2.2.1.1.3-09	a. Critical Data - The critical data page shall contain all data critical to a tower's operation.	459
		3.7.2.2.1.1.3-18	a.9. Critical Data shall include: One meteorological message chosen by the controller.	459
		3.7.2.2.1.1.3-29	h. Aeronautical and Meteorological (A&M) Data Puge - The A&M Data page shall contain aeronautical and meteorological information that may be of interest to the controller.	460
		3.7.2.2.1.1.3-32	j. AWOS/ASOS Data Page - The AWOS/ASOS Data page shall contain AWOS/ASOS information that may be of interest to the controller.	460
		3.7.2.2.1.1.4-00	ALERT AND RESULUTION DISPLAY	465
		3.7.2.2.1.1,4-07	Aeronautical and meteorological alerts, such as SIGMETs and AIRMETs and urgent PIREPs shall be displayed in the Alert Display for controller acknowledgement.	465
		3.7.2.2.1.1.5-88	SPECIAL LISTS	465
		3.7.2.2.1.1.5-02	These lists shall include the following: a) Coost/Suspend List, b) Last Aircraft to Land at Airport List, c) Emergency Airport List, d) Group Suppression List, e) Traffic Management Advisory List, f) Runway Configuration List, g) Departure Flow List, and h) Auto Hanaoff/Pointout Inhibit List.	465
T2.5.3.2	INFORM SUPERVISOR OF POTENTIAL OVERLOAD CONDITION	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-¢1	The TCCC shall provide the capability to communicate via electronic media.	439
T2.5.3.3	RECEIVE SUPERVISOR NOTICE TO COMBINE/DECOMBINE POSITIONS	3.7.2.1.3.7-ศย	ATC MAIL	439
		3.7.2.1.3.7-Ø1	The TCCC shall provide the copability to communicate via electronic media.	439
T2.5.3.4	REQUEST ASSISTANCE OR RELIEF	3.7.2.1.3.7-øø	ATC MAIL	439
		3.7.2.1.3.7-Ø1	The ICCC shall provide the capability to communicate via electronic media.	439
	OBSERVE TPC CONFIGURATION IN RESPONSE TO CONFIGURATION MESSAGE	3.7.2.2.1.1,3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	458

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T2.5.4.2 (cont'd)	OBSERVE TPC CONFIGURATION IN RESPONSE TO CONFIGURATION MESSAGE	3.7.2.2.1.1.3-03	Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Cata, Airport Environmental Data, System Status Data).	458
T2.5.5.1	RECEIVE REQUEST TO MANIPULATE TAXIWAY LIGHTING SYSTEM	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capobility to communicate via electronic media.	439
т2.5.5.3	SWITCH TAXIWAY LIGHTING SYSTEM MANUALLY	3.7.2.2.1.2.4-00	AIRPORT EQUIPMENT AND LIGHTING SYSTEM CONTROL	482
		3.7.2.2.1,2.4-Ø1	The TCCC shall provide the capability to control as many types of airport lighting systems and selected airport equipments identified in Table 3.2-22 as are available at the airport.	482
T2.5.5.4	ENTER TAXIWAY LIGHTING SYSTEM ADJUSTMENT	3.7.2.2.1.2.4-00	AIRPORT EQUIPMENT AND LIGHTING SYSTEM CONTROL	482
		3.7.2.2.1.2.4-Ø1	The TCCC shall provide the capability to control as many types of airport lighting systems and selected airport equipments identified in Table 3.2-22 as are available at the airport.	482
		3.7.2.2.1,2.4-02	Control of lighting intensity levels in increments ranging from 0 (off) to 5 (maximum intensity) shall be provided for all lighting systems hoving that capability.	483
		3.7.2.2.1.2.4-03	The TCCC shall be capable of controlling lighting for all airport runways and toxiways and shall accommodate all runway configurations.	48
T2.6.1.1	DETECT NON-ACCEPTANCE OF INPUT DATA	3.7.1.1.2.3-00	RESPONSES TO INPUT MESSAGES	26
		3.7.1.1.2.3-01	Response messages shall be generated as appropriate to the system design and the devices employed for Data Entry and Display.	26
		3.7.1.1.2.3-02	There shall always be some response to the source of any local or remote message that ariginated at a manned position, to confirm that the system has taken note of the message and is acting on it.	26
		3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	36
		3.7.1.2.1.2-53	ae.5 Feedoock for alphanumeric inputs shall appear on the Message Composition and Response Display.	36
		3.7.1.2.1.2-57	ce. Feedback - Every single type of every interaction activity shall result is some type of positive lexical feedback.	36

Task Number	Tosk Stutement	Paragraph Number	Requirement	Pag No
T2.6.1.1 (cont'd)	DETECT NON-ACCEPTANCE OF INPUT DATA	3.7.1.2.1.2-58	of. Error Handling - When an error condition is encountered, the controller shall be provided appropriate feedback such that he/she can easily determine what was received by the system as input, what fields or data items were detected as being erroneous, and what error checking (See SLS).	36
		3.7.2.1.2-00	INPUT MESSAGE PROCESSING SUBAREA	43
		3.7.2.1.2-01	The requirements of paragraph 3.7.1.1.2 shall apply.	43
		3.7.2.2.1,2-00	DATA ENTRY FUNCTIONS	47
		3.7.2.2.1.2-03	Controller Input Longuage capabilities specified for the ACCC in section 3.7.1.2.1.2, not including numbered subsections shall also apply to the TCCC.	47
T2.6.1.2	ENTER INPUT DATA MANUALLY ON CONSOLE	3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	47
		3.7.2.2.1.2.2-03	 a. Flight Data Amendment: Flight Identification, Field to be Modified, New Data. 	47
		3.7.2.2.1.2.2-04	a. Flight Data Amendment: This message shall be used to modify, add to, or delete previously entered flight data for any flight plan.	47
		3.7.2.2.1.2.2-05	a. Flight Data Amendment: This message shall be used to enter a flight rule change from either VFR to IFR or IFR to VFR.	47
		3.7.2.2.1.2.2-07	a. Flight Data Amendment: The flight data fields that can be amended are listed in Table 3.7-11. (See SLS).	47
		3.7.2.2.1.2.2-08	a. Flight Data Amendment: If the data are adapted for display in the tower, the displayed information shall be modified accordingly.	4
		3.7.2.2.1.2.2-14	d. Flight Plan: Callsign, A/C Data, (Beacon Code), True Air Speed, Coordination Fix or Departure Point, Coordination Time, Altitude, Route, (Remarks), (Mode S Address), (Indicated Airspeed), (Destination Airport).	4:
		3.7.2.2.1.2.2-15	d. Flight Plan: This message shall be used to establish a flight plan for a flight.	4
		3.7.2.2.1.2.2-38	q. VFR Flight Plan: Aircraft Identification, (A/C Dota), (Beacon Code), (Departure Point), (Destination), (Tru, Air Speed), (Coordination Fix), (Coordination Time), (Altitude), (Route), (Remorts), (Heading), (Rumway Assignment), (Estimated Time of Arrival), (Coordination).	4

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
T2,5,1,2 (cont'd)	ENTER INPUT DATA MANUALLY ON CONSOLE	3.7.2.2.1.2.2-39	q. VFR flight Plan: This message shall be used to establish a set of data for a VFR flight.	47
		3.7.2.2.1.2.2-42	s. Position-to-Position Transfer of Data: Flight Identification, Receiving Position.	47
		3,7.2.2.1.2.2-43	s. Position-to-Position Transfer of Data: This message shall be used to transfer Flight Data Entries between positions in the tower.	4
		3.7.2.2.1.2.2-55	x. Airport VFR Flight Plan Request: Callsign, (Flight Status), (Code Block Selection), (CPSD coordinates, fix, or direction), (Airport).	1
		3.7.2.2.1.2.2-56	x. Airport VFR Flight Plan Request: This message shall be used to create a VFR flight plan for an aircraft.	
		3.7.2.3.2-ชัย	FLIGHT FLAN PROCESSING SUBAREA	
		3.7.2.3.2-01	Instead, the TCCC shall accept manually entered flight plan data.	
		3.7.2.3.2-02	All operational input actions for the routing of Flight Plan display data between positions within a tower (as Specified for the Normal Mode), for the readout of data contained within the ICCC data base (as specified for the Normal Mode), and modification of flight data shall continue to function.	
72.6.1.3	RECEIVE INPUT DATA MANUALLY FORWARDED FROM OTHER TPC	3.7.2.3.2-00	FLIGHT PLAN PROCESSING SUBAREA	
		3,7.2.3.2-01	Instead, the TCCC shall accept manually entered flight pian data.	
		3.7.2.3,2-02	All operational input actions for the routing of Flight Plan display duta between positions within a tower (as specified for the Normal Mode), for the readout of data contained within the TCCC data base (as specified for the Normal Mode), and modification of flight data shall continue to function.	
T2.6.1.4	FORWARD INPUT DATA MANUALLY TO OTHER TPC	3,7.2.3.2-00	FLIGHT PLAN PROCESSING SUBAREA	
		3.7.2.3.2-01	Instead, the TCCC shall accept manually entered flight plan data.	
		3.7.2.3.2-02	All operational input actions for the routing of Flight Plan display data between positions within a tower (as specified for the Normal Mode), for the readout of data contained within the TCCC data base (as specified for the Normal Mode), and modification of flight data shall continue to function.	

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
				T
2.6.2.1	RECEIVE NOTICE OF TPC FAILURE	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
2.6.2.3	FORWARD NOTICE OF EQUIPMENT	3.7.2.1.3.7-00	ATC MAIL	43
		3.7,2.1.3.7-01	The TCCC shall provide the copobility to communicate via electronic media.	43
2.6.3.4	VERIFY COMPUTER ACTION DURING TRANSITION STAGES	3.7.2.1.5.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
		3.7.2.2.1.2.3-00	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	48
		3.7.2.2.1.2.3-22	f. System Status Data Changes: The controller shall be able to change the System Status Data that are listed in Table 3.7-11C.	48
		3.7.2.2.1.2.3-23	f. System Status Data Changes: These messages shall change the text stored for the various categories of data but not affect the processing of any functions.	41
		3.7.2.2.1.2.3-24	f. System Status Dato Changes: Currently displayed data and subsequent requests for information shall reflect the new or additional information.	4
T2.5.₹.5	RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES	3.7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4
T2.6.4.1	DETECT COMMUNICATION FAILURE	3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	4
		3.7.2.2.1.1.3-03	Data for this disploy are summorized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	4
T2.6.4.2	REVERT TO LIGHTGUN COMMUNICATION PROCEDURES	3.2.2.2.6-00	EQUIPMENT LAYOUT	1
		3.2.2.2.6-03	The TCCC equipment layout design shall also ergonomically accommodate a wide variety of other ATCT equipment integrated into the tower cab including Airport Surface Detection Equipment, inter/intra facility vaice and air/ground communications equipment and light guns.	
	RECEIVE NEW FREQUENCY	3.7.2.1.3.7-ØØ	ATC MAJL	

Task Number	Task Statement	Paragraph Number	Requirement	Pag
TOZK NOWDEL	TOSK SCOREMENT	r or agraph number	negori emeri	-
2.6.4.5 cont'd)	RECEIVE NEW FREQUENCY ASSIGNMENT	3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
2.6.4.6	RECEIVE NOTICE OF ALTERNATE COMMUNICATION PATH	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1,3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
2.6.4.7	FORWARD NOTICE OF COMMUNICATION STATUS	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
2.6.4.8	FORWARD NEW FREQUENCY ASSIGNMENT	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1,3,7-01	The TCCC shall provide the capability to communicate via electronic media.	43
72.6.4.9	FORWARD ALTERNATE COMMUNICATION PATH	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4:
r2.6.5.1	RECEIVE NOTICE OF TRANSIENT COMMUNICATION FAILURE	3.7.2.1.3.7-00	ATC MAIL	4
		3,7.2.1.3.7-Ø1	The TCCC shall provide the capability to communicate via electronic media.	4
r2.6.5. 3	REQUEST COMMUNICATIONS CHECK FROM OTHER POSITION/ AIRCRAFT/ AGENCY	3.7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4
T2.6.6.2	INHIBIT PROCESSING OF DATA FROM FAULTY SENSOR	3.7.2.2.1.2.3-00	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	4
		3.7.2.2.1.2.3-14	e. Sensor Override: Sensor ID, (Fallback Value), (Inhibit/Permit Data).	4
		3.7.2.2.1.2.3-15	e. Sensor Override: This message shall be used to control the occeptance of data received from an airport environmental sensor.	
		3.7.2.2.1.2.3-16	e. Sensor Override: When an airport environmental sensor is determined to be faulty, the capability shall be provided to inhibit the data from entering the system database.	
T2.6.6.3	RESTURE PROCESSING OF DATA FROM AIRPORT SENSUR	5.7.2.2,1.2.3-00	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
T2.6.6.3 (cont'd)	RESTORE PROCESSING OF DATA FROM AIRPORT SENSOR	3.7.2.2.1.2.3-14	e. Sensor Override: Sensor ID, (Fallback Value), (Inhibit/Permit Data).	48
		3.7.2.2.1.2.3-15	e. Sensor Override: This message shall be used to control the acceptance of data received from an airport environmental sensor.	483
		3.7.2.2.1.2.3~17	e. Sensor Override: Similarly, the capability shall be provided to permit data into the system database when the sensor is operating properly.	48
T2.6.7.1	DETECT TOOC STAND-ALONE MODE INDICATOR	3.7.2.1.1.3,3-00	DETERMINE SYSTEM MODE	43
		3.7.2,1,1.3.3-02	If a failure occurs, the TCCC shall signal all positions and automatically transition to Stand-alone Mode.	43
		3.7.2.2.1.1-00	DISPLAYED DATA	44
		3.7.2.2.1.1-09	A Stand-Alone Mode Indicator shall be displayed at all TCCC Position Consoles in an adapted location on a physical display.	44
T2.6.7.2	RECEIVE NOTICE OF TCCC STAND-ALONE MODE	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-Ø1	The TCCC shall provide the capability to communicate via electronic media.	43
T2.6.7.3	INFORM SUPERVISOR OF TCCC STAND-ALONE MODE	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4.
T2.6.7.4	RECEIVE NOTICE OF ACF BACKUP MODE	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4
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Task Statement Orphans

Task Number	Task Statement Orphans	
Idak Mamper	Task Statement	Task Type
		İ
Т2	GROUND CONTROLLER	
^r 2.1	PERFORM GROUND SITUATION MONITORING	
T2.1.1	ESTABLISHING/ MAINTAINING POSITIVE AIRCRAFT/ VEHICLE IDENTIFICATION	
T2.1.1.1	RECEIVE PILOT/ OPERATOR POSITION REPORT	vc
T2.1.1.2	OBSERVE AIRCRAFT/ VEHICLE AT REPORTED POSITION	R/A
T2.1.1.4	VERIFY AIRCRAFT/ VEHICLE IDENTIFICATION	A
T2.1.1.5	OBSERVE AIRCRAFT/ VEHICLE PROGRESS THROUGH MOVEMENT AREA	R/A
T2.1.1.6	REQUEST PILOT/ OPERATOR POSITION REPORT	vc
T2.1.1.7	PROJECT AIRCRAFT/ VEHICLE PLANNED TIME/ POSITION PROFILE MENTALLY	٨
T2.1.2	CHECKING AND EVALUATING TRAFFIC MOVEMENT	
T2.1.2.1	DETERMINE IF POTENTIAL AIRCRAFT/ VEHICLE CONFLICT EXISTS	А
T2.1.3	RECEIVING ENVIRONMENT AND STATUS INFORMATION	İ
12.1.3.10	OBSERVE SYSTEM STATUS DIRECTLY	R/A
T2.1.4	HOUSEKEEPING	
T2.1.4.9	DELETE FDE FROM TCCC SYSTEM	E
12.2	CONTROL AIRCRAFT/ VEHICLE GROUND MOVEMENT	
T2.2.1	RESPONDING TO FLOW CONSTRAINTS	
Τ2.2.1.2	CHOOSE DESTRED SEQUENCE	A
T2.2.1 3	ISSUE TAXI INSTRUCTIONS TO EFFECT DESIRED SEQUENCE	vc
T2.2.1.4	ISSUE INSTRUCTIONS FOR GROUND HOLD	vc
T2.2.1.5	DISCUSS GROUND DELAY TECHNIQUE WITH PILOT	VC
Т2.2.2	PROCESSING GROUND TRAFFIC DEVIATIONS	
T2.2.2.1	OBSERVE GROUND TRAFFIC DEVIATION DIRECTLY	R/A
T2.2.2.5	DETERMINE NEW POSITION IN GROUND TWAFFIC SEQUENCE	А
T2.2.2.6	DETERMINE MANEUVER TO ESTABLISH/ RESTORE SEQUENCE	A
Т2.2.2.7	DETERMINE APPROPRIATE ACTION IN RESPONSE TO GROUND TRAFFIC DEVIATION	А
T2.2.2.9	ISSUE INSTRUCTIONS TO RECOVER FROM GROUND TRAFFIC DEVIATION	vc
T2.2.2.10	OBSERVE AIRCRAFT/ VEHICLE RESUMING CONFORMANCE DIRECTLY	R/A
T2.2.2.12	INFORM OTHER GROUND TRAFFIC OF GROUND TRAFFIC DEVIATION	VC
T2.2.3	SSTABLISHING DEPARTURE SEQUENCES	
T2.2.3.1	RECEIVE PILOT REQUEST FOR TAXI INSTRUCTIONS	vc
T2.2.3.3	RECEIVE PILOT REQUEST FOR PUSHBACK/ POWERBACK INSTRUCTIONS	vc
T2.2.3.9	ISSUE INSTRUCTIONS FOR PUSHBACK/ POWERBACK	vc
T2.2.3.12	DISCUSS SEQUENCING WITH LOCAL CONTROLLER	vc
T2.2.4	RESPONDING TO MOVEMENT AREA CLOSURES/ REOPENING	
T2.2.4.2	GESERVE DISPLAY OF MOVEMENT AREA STATUS CHANGE	R
T2.2.4.5	ISSUE INSTRUCTIONS TO DIVERT TRAFFIC AROUND CLOSED MOVEMENT AREA	VC
T2.2.5	RESPONDING TO GROUND MOVEMENT REQUESTS	
T2.2.5.1	RECEIVE PILOT/ VEHICLE OPERATUR REQUEST FOR MOVEMENT IN/ THROUGH MOVEMENT AREA	vc
T2.2.5.2	DETERMINE NEED FOR TEMPORARY RELEASE OF MOVEMENT AREA UNDER OTHER CONTROL	A

Task Statement Orphans

	Task Statement Orphans	
Task Number	Task Stutement	Task Type
T2.2.5.3	ISSUE INSTRUCTION TO HOLD SHORT OF ACTIVE RUNNAY	VC
T2.2.5.5	DISCUSS RELEASE OF MOVEMENT AREA WITH OTHER CONTROLLER	VC
T2.2.5.9	ISSUE APPROVAL/ INSTRUCTIONS FOR GROUNU MGVEMENT	vc
T2.2.5.10	DENY GROUND MOVEMENT REQUEST	vc
T2.2.5.11	ENTER REMINDER OF TEMPORARY MOVEMENT AREA RELEASE	F
T2.2.5.12	DETERMINE GROUND MOVEMENT COMPLETED	A
T2.2.5.14	DELETE REMINDER OF TEMPORARY MOVEMENT AREA RELEASE	E
T2.2.6	RESPONDING TO REQUESTS FOR TEMPORARY RELEASE OF MOVEMENT AREAS	
T2.2.6.2	OBSERVE CURRENT TRAFFIC IN MOVEMENT AREA	R/A
T2.2.6.3	EVALUATE FEASIBILITY OF RELEASING MOVEMENT AREA TEMPORARILY	A
T2 2.7	RESPONDING TO RUNHAY/ TAXIMAY USAGE CHANGES	
T2.2.7.4	DISCUSS ACTIONS TO RESPOND TO RUNHAY/ TAXIWAY CHANGE	vc
T2.2.8	MONITORING NON-CONTROLLED OBJECTS	
T2.2.8.1	OBSERVE DIRECTLY A MOVEMENT AREA INTRUSION BY NON-CONTROLLED OBJECT	R/A
T2.2.8.6	RECEIVE REPORT UPDATE UF NON-CONTROLLED OBJECT MOVEMENT	vc
T2.2.3.7	REQUEST RESPONSE FROM PILOT/OPERATOR OF NON-CONTROLLED OBJECT	vc
T2.2.8.8	INFORM PILOT/ OPERATOR WHEN CLEAR OF NON-CONTROLLED OBJECT	vc
T2.3	ROUTE OR PLAN FLIGHTS	
T2.3.1	PLANNING AND ISSUING CLEARANCES	
T2.3.1.1	RECEIVE PILOT REQUEST FOR CLEARANCE	vc
T2.3.1.4	FORMULATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS	A
T2.3.1.5	DENY CLEARANCE REQUEST	vc
T2.3.1.6	ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT	vc
T2.3,1.7	SUGGEST CLEARANCE ALTERNATIVES TO PILOT	A/VC
T2.3.2	RESPONDING TO SPECIAL CONDITIONS/ EMERGENCIES	ļ
T2.3.2.2	OBSERVE AIRCRAFT/ VEHICLE ABNORMALITY DIRECTLY	R/A
T2.3.2.3	PERCEIVE PRESENCE OF SPECIAL CONDITION/ EMERGENCY AURALLY	A/VC
T2.3.2.7	ISSUE TAXI INSTRUCTIONS TO HOLD/ REPOUTE GROUND TRAFFIC CLEAR OF SPECIAL CONDITION/ EMERGENCY	vc
T2.3.2.8	INFORM PILOT/ VEHICLE UPERATOR UF ABNORMAL AIRCRAFT/ VEHICLE CONDITION	vc
T2.3.2.9	ISSUE TAXI INSTRUCTIONS TO SPECIAL CONDITION/ EMERGENCY AIRCRAFT	vc
T2.3.2.10	CONDUCT RAMP SEARCH FOR OVERDUE ATRORAFT	R
T2.3.3	RESPONDING TO SPECIAL OPERATIONS	
12.3.3.4	CONDUCT SPECIAL OPERATION ACTIONS	TBD
T2.3.4	TRANSFERRING CONTROL RESPONSIBILITIES - DEPARTURE AIRCRAFT	
T2.3.4.1	OBSERVE DEPARTURE AIRCRAFT IN PROPER POSITION IN DEPARTURE SEQUENCE	R/A
12.3.4.2	DIRECT PILDT TO CONTACT/ MONITOR LOCAL CONTROLLER ON FREQUENCY	vc
T2.3.5	OBSERVING ARRIVAL AIRCRAFT	
12.3.5.2	OBSERVE AIRBORNE AIRCRAFT DIRECTLY	R
T2.4	ASSESS WEATHER IMPACT	
ř2.4.1	RESPONDING TO SIGNIFICANT WEATHER INFORMATION	

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Task Number	Task Statement	Tosk Type
T2.4.1.3	RECEIVE FIREP ON WEATHER	VC
T2.4.1.8	DETERMINE WHETHER ANOTHER CONTROLLER OR PILOT NEEDS WEATHER ADVISORY	A
T2.4.2	PROCESSING WEATHER REPORTS	
T2.4.2.7	DISCUSS ACTIONS TO RESPOND TO RUMMAY/ TAXIWAY CHANGE	VC
T2.5	MANAGE GROUND CONTROLLER POSITION RESOURCES	
12.5.1	BRIEFING RELIEVING CONTROLLERS	
T2.5.1.3	VERIFY COMPLETENESS OF RELIEF BRIEFING RECEIPT	R/A
T2.5.2	ASSUMING POSITION RESPONSIBILITY	
T2.5.2.3	CHECK DISPLAY FOR PROPER CONFIGURATION, USABILITY, AND SATISFACTORY STATUS	R/A
T2.5. 3	MANAGING PERSONAL WORKLOAD	
12.5.3.1	DETERMINE IMPENDING CONTROLLER OVERLOAD	A
T2.5.4	RESPONDING TO POSITION RECONFIGURATIONS	
T2.5.4.1	CONDUCT POSITION COMBINATION/ DECOMBINATION PROCEDURES	E/R
T2.5.5	OPERATING TAXIWAY LIGHTING SYSTEMS	
T2.5.5.2	PERCEIVE NEED TO MANIPULATE TAXIWAY LIGHTING SYSTEM	R/A
T2.6	RESPOND TO SYSTEM/ EQUIPMENT DEGRADATION	
T2.6.1	RESPONDING TO TRANSIENT TCCC FAILURES	
T2.6.2	RESPONDING TO TPC FAILURES	
T2.6.2.2	DETECT OCCURRENCE OF TPC FAILURE	R/A
12.6.3	EXECUTING BACKUP PROCEDURES FOR TOCC FAILURES	
T2.6.3.1	RECEIVE NOTICE OF TCCC FAILURE	· vc
T2.6.3.2	DETECT OCCURRENCE OF TOCC FAILURE	R/A
T2.6.3.3	REVERT TO TCCC BACKUP PROCEDURES (TBD)	TBD
T2.6.4	EXECUTING BACKUP PROCEDURES FOR COMMUNICATION FAILURES	
T2.6.4.3	SWITCH TO BACKUP RADIO/ FREQUENCY	E
T2.6.4.4	ADJUST COMMUNICATION PATH TO ACCOMMUDATE FAILURE/ OVERLOAD	E
T2.6.5	RESPONDING TO TRANSIENT COMMUNICATION FAILURES	
T2.6.5.2	DETECT TRANSIENT COMMUNICATION FAILURE	A/VC
T2.6.5.4	RECEIVE COMMUNICATIONS CHECK FROM OTHER POSITION/ AIRCRAFT/ AGENCY	vc
T2.6.6	RESPONDING TO AIRPORT EQUIPMENT FAILURES	
T2.6.6.1	OBSERVE FAILURE OF AIRPORT EQUIPMENT	R/A
12.6.7	RESPONDING TO ACCC FAILURES	
T2.6.7.5	REVERT TO ACCC DEGRADED PROCEDURES (TBD)	TBU
T2.6.7.6	REVERT TO ACCC BACKUP PROCEDURES (TBD)	TBD
T2.6.7.7	REVERT TO TCCC STAND-ALONE MODE PROCEDURES (TBD)	TBD
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3.1.1,1	DETECT AERONAUTICAL AND METEOROLOGICAL ALERT	3.7.2.2.1.1.4~ยัง	ALERT AND RESOLUTION DISPLAY	41
		3.7.2.2.1.1.4-07	Aeronautical and meteorological alerts, such as SIGMETs and AIRMETs and urgent PIREPs shall be displayed in the Alert Display for controller acknowledgement.	4
3.1.1.2	DETECT AIRPORT ENVIRONMENTAL DATA ALERT	3.7.2.1.3.6.1-00	ENVIRONMENTAL DATA ACCEPTANCE AND MAINTENANCE	4
		3.7.2.1.3.6.1-01	The TCCC shall provide interfaces with the airport equipment specified in Section 10, Table 10.2-1 and shall accept and maintain the operational, alarm, and status data received from equipment systems.	
		3.7.2.2.1.1.3~00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	,
		3.7.2.2.1.1.3-13	a.4. Critical Data shall include: Alert information such as wind shear alerts, RVR alerts, critical computer and instrument outages.	1
3.1.1.3	DETECT EQUIPMENT STATUS ALERT	3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	
		3.7.2.2.1.1.3-17	a.8. Critical Data shall include: Failure status of equipment of particular interest to the position including lighting systems, landing systems, NAVAIDS, etc.	
		3.7.2.2.1.1.3-22	b. Outage Summary - The outage summary page shall contain present outages on all equipment included in the system.	
		3.7.2.2.1.1.3-23	b. Outage Summary - The outages shall be grouped by similar equipment, all communications, all lights, all beacons, etc.	
		3.7.2.2.1.1.4-00	ALEPT AND RESOLUTION DISPLAY	
		3.7.2.2.1.1.4-09	Equipment outages and repairs shall be displayed in the Alert Display to the controller for his acknowledgement.	
3.1.1,4	ACKNOWLECCE ENVIRONMENTAL/ SYSTEM STATUS ALERT	3.7.2.2.1.1.4-00	ALERT AND RESOLUTION DISPLAY	
		5.7.2.2.1.1.4-07	Aeronautical and meteorological olerts, such as SIGMETs and AIRMETs and urgent PIREPs shall be displayed in the Alert Display for controller acknowledgement.	
		3.7.2.2 1.1.4-08	The controller shall be able to suppress the alert from the display or save it in the Alert Display.	
		3.7.2.2.1.1.4-09	Equipment outages and repairs shall te displayed in the Alert Display to the controller for his acknowledgement.	

Task Number	Task Statement	Paragraph Number	kequirement	Page No.
T3.1.1.4 (cont."d)	ACKNOWLEDGE ENVIRONMENTAL/ SYSTEM STATUS ALERT	3.7.2.2 1.1.4-10	The controller shall be able to suppress the alert from the display or save it in the Alert Display for his quick reference.	465
*3.1.1.5	CHSERVE DISPLAY OF NEW/ CHANGED SYSTEM STATUS DATA	3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	458
		3.7.2.2.1.1.3-Ø3	Data for this display ore summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	458
		3.7.2.2.1.1.3-06	All displayed information shall be updated automatically when changes are reported.	459
		3.7.2.2.1.1.3-89	a. Critical Data - The critical data page shall contain all data critical to a tower's operation.	459
		3.7.2.2.1.1.3-22	b. Outage Summary - The outage summary page shall contain present outages on all equipment included in the system.	459
		3.7.2.2.1.1.3-24	c. Runway, Approach, and Taxiway Lights Page - This page shall contain the status of all approach, runway and taxiway lights as are available at the airport.	459
		3.7.2.2.1.1.3-26	e. VASI Status Page - The VASI Status page snail contain the status of all visual Approach Slope Indicators at the airport.	460
	·	3.7.2.2.1.1.3-27	f. ILS/MLS Monitor Page - The ILS/MLS monitor page shall contain the status of all ILS and/or MLS equipment at the airport.	468
T3 1.1.6	OBSERVE DISPLAY OF NEW/ CHANGED AERONAUTICAL AND METEOROLOGICAL DATA	3.7.2.2.1.1.3-68	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	458
		3.7.2.2.1.1.3~83	Data for this disploy are summarized in Tables 3.7-11 A, B, and C (A&M Cata, Airport Environmental Data, System Status Data).	451
		3.7.2.2.1.1.3-06	All displayed information shall be updated automatically when changes are reported.	45
		3.7.2.2.1.1.3-18	a.9. Critical Data shall include: One meteorological message chosen by the controller.	45
		3.7.2.2.1.1.3-29	h. Aeronautical and Meteorological (A%M) Data Page - The A&M Dota page shell contain aeronautical and meteorological information that may be of interest to the controller.	46
		3.7.2.2.1.1.3-32	j. ANOS/ASOS Data Page - The ANOS/ASOS Data page shall contain ANOS/ASOS information that may be of interest to the controller.	46
τ 3 1,1,7	OBSERVE DISPLAY OF NEW/ CHANGED AIRPORT ENVIRONMENTAL	3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	45

Task Number	Task Statement	Poragraph Number	Requirement	Pai N
T3.1.1.7 (cont'd)	OBSERVE DISPLAY OF NEW/ CHANGED AIRPORT ENVIRONMENTAL DATA	3.7.2.2.1.1.3-03	Data for this display ore summarized in Tables 3.7-11 A, 6, and C (A&M Data, Airport Environmental Data, System Status Data).	4
		5.7.2.2.1.1.3-06	All displayed information shall be updated automatically when changes are reported.	4
		3.7.2.2.1.1.3-10	a.1. Critical Data shall include: Altimeter Setting.	4
		3.7.2.2.1.1.3-12	 a.3. Critical Duta shall include: Center-field wind direction, velocity, and gusts. 	'
		3.7.2.2.1.1.3-14	a.5. Critical Dota shall include: Runway visual range visibility figures for up to 3 RVR's per runway for each of up to five runways and the RVR thresholds for each of the RVR's.	
		3.7.2.2.1.1.3-16	a.7. Critical Data shall include: Low level wind shear boundary locations, velocity and direction.	
		3.7.2.2.1.1.3-25	d. RVR Status Page - The RVR Status page shall contain the RVR data for all runways on the airport as opposed to just the runways shown on the critical data page.	
		3.7.2.2.1.1.3-28	g. LLWAS Status Page - The LLWAS status page shall contain the boundary wi s from the Low Level Wind Shear Alert Syst m for all runways.	
73.1.1.8	RECEIVE NOTICE OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	3.7.2.1.3.7-00	ATC MAIL	
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	
r3.1.1.9	INFORM OTHERS OF NEW/ CHANGED SYSTEM ENVIRONMENTAL AND STATUS DATA	3.7.2.1.3.7-80	ATC MAIL	
		3.7.2.1.3.7-81	The TCCC shall provide the capability to communicate via electronic media.	
T3.1.1.10	ENTER SYSTEM ENVIRONMENTAL AND STATUS DATA CHANGE MESSAGE	3.7.2.2.1.2.3-00	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	
	3.7.2.2.1.2.3-01	The following messages shall be provided in the TCCC:		
		3.7.2.2.1.2.3-Ø2	a. RVR Alurm Threshold Specification: The TCCC shall provide the capability to specify an alarm RVR threshold for each of the three RVRs for each runway assigned to that position.	

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
T3.1.1.10 (cont'd)	ENTER SYSTEM ENVIRONMENTAL AND STATUS DATA CHANGE MESSAGE	3.7.2.2.1.2.3-04	b. A&M Data Amendment: A&M Data Type, (Station, Location or Area Identifier), (Altitude Limits), Text.	481
		3.7.2.2.1.2.3-05	b. A&M Data Amendment: This message shall be used to modify the data stored in the Aeronautical and Meteorological data base.	481
		3.7.2.2.1.2.3-22	f. System Status Data Changes: The controller shall be able to change the System Status Data that are listed in Table 3.7-11C.	482
		3.7.2.2.1.2.3-25	f. System Status Data Changes: These messages shall change the text stored for the various categories of data but not affect the processing of any functions.	482
		3.7.2.2.1.2.3-24	f. System Status Data Changes: Currently displayed data and subsequent requests for information shall reflect the new or additional information.	482
T3.1.2.1	ENTER CONTROLLER NOTE	3.7.2.2.1.1.10-00	CONTROLLER NOTEPAD DISPLAY	470
		3.7.2.2.1.1.10-01	This logical display shall contain controller-entered free-form text notes which have no 'semantic level' meaning to the system, but rather are treated as a string of undifferentiated characters.	470
		3.7.2.2.1.1.1ชี-ฮี2	The capability shall be provided to quickly and easily edit or modify the contents of these notes.	470
T3.1.2.2	DELETE CONTROLLER NOTE	3.7.2.2.1.1.10-00	CONTROLLER NOYEPAD DISPLAY	478
		3.7.2.2.1.1.10-01	This logical display shall contain controller-entered free-form text notes which have no 'semantic level' meaning to the system, but rather are treated as a string of undifferentiated characters.	478
		3.7.2.2.1.1.10-04	These notes shall only be displayed at the entering positior and shall remain in the logical display until the controller takes an action to aelete them.	471
T3.1.2.3	ENTER FOE NOTATIONS	3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	451
		3.7.2.2.1.1.2-18	The capability shall be provided to display/delete FDE notations (FDENs) in specified fields of FDEs.	45
		3.7.2.2.1.1.2-22	In addition, the copability shall be provided for the controller to display any FDEN through controller FDEN entry.	453
		3.7.2.2.1.1.2-42	e. FDENs associated with the destination field shall uniquely denote rodor vector heading and/or direct route clearances.	45

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
T3.1.2.3 (cont.'d)	enter fde notations	3.7.2.2.1.1.2-43	e. These FDENs shall he displayed upon controller FDEN entry.	45
		3.7.2.2.1.1.2-46	f. FDENs associated with the departure fix/coordination fix shall uniquely denote altitude, heading, turn instructions, and/or alternate fix included in the clearance associated with the fix.	45
		3.7.2.2.1.1.2-47	f. These FDENs shall be displayed upon controller FDEN entry.	45
		3.7.2.2.1.1.2-50	g. FDEN(s) indicating an altitude restriction(s) shall be generated when the controller inputs on altitude restriction message and shall be displayed at the entering position, other tower positions and to the ACCC upon transfer of control.	45
		3.7.2.2.1,1.2-52	g. An FDEN indicating that the assigned altitude is inappropriate for the direction of flight shall be automatically generated and displayed.	45
		3.7.2.2.1.1.2-53	g. Upon controller FDEN entry, this FDEN shall denote that the wrong altitude for direction of flight has been coordinated with the ACF.	45
		3.7.2.2.1.1.2-54	h. FDENs shall indicate a record(s) of clearances and instructions which has been delivered.	45
		3.7.2.2.1.1.2-57	h. These FDENs shall be displayed upon controller FDEN entry.	45
		3.7.2.2.1.1.2-58	 FDENs shall indicate coordination of information/instructions between the controller and pilot. 	45
		3.7.2.2.1,1.2-59	i. These FDEN shall be generated upon controller FDEN entry.	45
		3.7.2.2.1.1.2-60	 i. An FDEN shall denote a controller assigned speed restriction. 	45
		3.7.2.2.1.1.2-61	j. This FDEN shall be generated upon controller FDEN entry and shall be automatically transferred to the ACCC upon transfer of control.	41
		3.7.2.2.1.1.2-62	k. An FDEN shall indicate that a VFR aircraft has been issued a holding clearance and shall include at the controller's option, the holding instructions.	4
		3.7.2.2.1.1.2-63	k. This FDEN shall be displayed and subsequently deleted upon controller FDEN entry.	4
		3 .7.2.2.1.1.2-64	 An FDEN shall indicate to the controller that future action is required with respect to the field tagged with this FDEN. 	4

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lask Number	Task Statement	Paragraph Number	Requirement	N.
3,1.2.3 cont'd)	ENTER FDE NOTATIONS	3.7.2.2.1.1.2-65	1. This FDEN shall be displayed upon controller FDEN entry.	4
		3.7.2.2.1.1.2-66	m. An FDEN shall denote that a flight has been changed to the next frequency and shall include at the controller's option, the new frequency and the frequency time change.	4
		3.7.2.2.1.1.2-67	m. This FDEN shall be displayed upon controller FDEN entry.	4
		3.7.2.2.1.1.2-68	n. An FDEN shall denote the change of an IFR flight plan to VFR.	4
		5.7.2.2.1.1.2-69	n. This FDEN shall be displayed upon controller FDEN entry.	4
		3.7.2.2.1.1.2-72	p. FDENs shall indicate that an oircraft has been issued a ground hold.	
		3.7.2.2.1.1.2-73	p. These FDENs shall uniquely represent gate holds, penalty box holds and other movement area holds.	
	1	3.7.2.2.1.1.2-74	p. These FDENs shall be generated upon controller FDEN entry.	
	3.7.2.2.1.1.2-79	3.7.2.2.1.1.2-79	q. FDENs indicating that radar contact has been lost or radar service has been terminated shall be displayed upon controller FDEN entry.	
		3.7.2.2.1.1.2-00	FDENs shall uniquely indicate that VFR flight following, Stage II, TCA, TRSA, or ARSA service is being provided to an aircraft.	
		3.7.2.2.1.1.2-81	r. These FDENs shall be displayed upon controller FDEN entry.	
		3,7.2,2.1.2.2-ØØ	FLIGHT DATA CHANGES	
		3.7.2.2.1.2.2-35	o. Runway Assignment: Flight Identification, Runway.	
		3.7.2.2.1.2.2-36	o. Runway Assignment: This message shall be used to assign or reassign a runway to an aircraft.	
		3,7,2.2.1.2.2-47	u. filssed Approach: Flight Identification, (Position).	
	3.7.2.2.1.2.2-48 3.7.2.2.1.2.2-52	u. Missed Approach: This message shall be used to give control of an arrival flight to an adopted approach control position.		
		3 7 2 2.1.2.7-52	w. Altitud« Restriction Message: Flight	

3.7.2.2.1.1.2.5-00 STANDBY LIST 3.7.2.2.1.1.2.5-02 This list shall have the same requirements	ask Number	Tusk Statement	Paragraph Number	Requirement	Pag No
aessage shall be used for processing controller reminders and for the display of FEBs. 3.7.2.2.1.1.2-80 5.7.2.2.1.1.2-19 7.8.2.2.1.1.2-19 7.9.2.2.1.1.2-25 7.9.2.2.1.1.2-25 7.9.2.2.1.1.2-25 7.9.2.2.1.1.2-76 7.9. FDENs shall be provided that an aircraft has been issued a grand hald. 3.7.2.2.1.1.2-76 7.1.2-1.1.2-76 7.1.2-1.1.2-1.1.2-1.2-1.2-1.2-1.2-1.2-1.2		ENTER FDE NOTATIONS	3.7.2.2.1.2.2-53	message shall be used to enter or concel on	48
The capability shall be provided to display/delete TDE notations (FDENs) in specified fields of FDES. 3.7.2.2.1.1.2-25 FDENs shall be outcombicelly deleted when the condition which generated the FDEN no longer exists, or upon controller deletion. 3.7.2.2.1.1.2-72 p. FDENs shall indicate that un aircraft has been issued a ground hold. 3.7.2.2.1.1.2-76 p. This FDEN shall be deleted upon controller entry. 3.7.2.2.1.2.2-80 FLIGHT DATA CHANGES 3.7.2.2.1.2.2-53 w. Altitude Restriction Message: This message shall be used to enter or cancel an altitude restriction(s). 3.7.2.2.1.1.2.2-80 ARRIVAL LIST 5.7.2.2.1.1.2.2-10 b. Ordering - The controller shall have the appositify to prioritize the sort factors and to choose an ascending or descending sort order. 3.7.2.2.1.1.2.3-80 DEPARTURE LIST b. Ordering - The controller shall have the capability to prioritize the sort factors and to choose an ascending or descending sort order. 3.7.2.2.1.1.2.3-80 CELARANCE PENDING LIST The controller shall have the capability to prioritize the sort factors and to choose an ascending or descending sort order. 3.7.2.2.1.1.2.4-86 The controller shall have the capability to prioritize the sort factors and to choose an ascending or descending sort order. 3.7.2.2.1.1.2.4-86 The controller shall have the capability to prioritize the sort factors and to choose an ascending or descending sort order. 3.7.2.2.1.1.2.4-86 STANGBY LIST This list shall have the some requirements for formatting and ordering as the Clearance for formatting and ordering as the Clearance for formatting and ordering as the Clearance for formatting and ordering as the Clearance formatting and ordering as the Clearance formatting and ordering as the Clearance formatting and ordering as the Clearance formatting and ordering as the Clearance formatting and ordering as the Clearance formatting and ordering as the Clearance formatting and ordering as the Clearance formatting and ordering as the Clearance formatting and ordering as the Clearance formatting			3.7.2.2.1.2.2-54	message shall be used for processing controller reminders and for the display of	48
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3.7.2.2.1.1.2.4-04 The controller shall have the copubility to prioritize the surt factors and to choose an ascending or descending sort order. 3.7.2.2.1.1.2.5-00 STANDBY LIST This list shall have the same requirements for formutting and ordering as the Clearance		į.	3.7.2.2.1.1.2.3-11	capebility to prioritize the sort factors and to choose an ascending or descending	
prioritize the surt factors and to choose an ascending or descending sort order. 3.7.2.2.1.1.2.5-00 STANDBY LIST This list shall have the same requirements for formatting and ordering as the Clearance			3.7.2.2.1.1.2.4-00	CLEARANCE PENDING LIST	
3.7.2.2.1.1.2.5-02 This list shall have the same requirements for formatting and ordering as the Clearance			3.7.2.2.1.1.2.4-04	prioritize the sort factors and to choose an	
for formatting and ordering as the Clearance			3.7.2.2.1.1.2.5-00	STANDBY LIST	
1			3.7.2.2.1.1.2.5-02	for formatting and ordering as the Clearance	
3.7.2.2.1.1.2.6-00 QVERFLIGHT LIST			3.7.2.2.1.1.2.6-00	OVERFLIGHT LIST	}

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T3.1.2.6 (con.'d)	SELECT FDE SORTING PPIORITY SCHEME	3.7.2.2.1.1.2.6-06	b. Ordering - The list shall have the same requirements for ordering as the Departure List.	458
T3.1.2.7	SUPPRESS FDE FROM DISPLAY	3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	458
		3.7.2.2.1.1.2-0 9	The capability shall be provided for the controller to suppress and restore the display of each FDE at each position.	451
T3.1.2.8	RESTORE FDE TO DISPLAY	3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	458
		3.7.2.2.1.1.2-09	The capability shall be provided for the controller to suppress and restore the display of each FDE at each position.	451
T3.1.2.9	REQUEST FDE FROM ANOTHER POSITION/ FACILITY	3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	476
		3.7.2.2.1.2.2-27	<pre>k. Request FDE(s): (Sector Number/Facility or Position Identifier), (Posting List Header), (Flight Identification(s)).</pre>	478
		3.7.2.2.1.2.2-28	k. Request FDE(s): This message shall enable the controller to request one or more FDEs from another facility/sector within the parent ACCC and from another position within the TCCC.	478
		3.7.2.2.1.2.2-29	k. Request FDE(s): These FDEs shall be displayed in the Flight Data Area at the requesting position.	478
T3.1.2.10	UPDATE/ REVISE CONTROLLER NOTE	3.7.2.2.1.1.10-00	CONTROLLER NOTEPAD DISPLAY	471
		3.7.2.2.1.1.18-01	This logical display shall contain controller-entered free-form text notes which have no 'semantic level' meaning to the system, but rather are treated as a string of undifferentiated characters.	47
		3.7.2.2.1.1.10-02	The capability shall be provided to quickly and easily edit or modify the contents of these notes.	47
T3.2.1.2	REVIEW FLIGHT PLAN FOR COMPLETENESS	3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	45
	,	3.7.2.2.1.1.2-01	The Flight Data Displays shall consist of six logical displays: Flight Data Readout Display, Arrival List, Departure List, Clearance Pending List, Stondby List, and Overflight List.	45
		3.7.2.2.1.1.2.1-00	FLIGHT DATA READOUT DISPLAY	45
		3.7.2.2.1.1.2.1-01	The Flight Data Readout Display shall be established to show all of the flight data listed in Table 3.7-11 on one particular flight chosen by the controller.	45

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3,2,1,4	ENTER FLIGHT PLAN	3.7.2.2.1.2.7-00	FLIGHT DATA CHANGES	47
		3,7,2,2,1,2,2-14	d. Flight Plan: Callsign, A/C Dota, (Beacon Code), True Air Speed, Coordination Fix or Departure Point, Cnordination Time, Altitude, Route, (Remarks), (Mode S Addrass), (Indicated Airspeed), (Destination Airport).	47
	3.7.2.2.1.2.2-15	d. Flight Plan: This message shall be used to establish a flight plan for a flight.	47	
		3.7.2.2.1.2.2-38	q. VFR Flight Plan: Aircraft Identification, (A/C Data), (Beacon Code), (Departure Point), (Destination), (True Air Speed), (Coordination Fix), (Coordination Time), (Altitude), (Route), (Remorks), (Heading), (Runway Assignment), (Estimated Time of Arrival), (Coordination).	47
		3.7.2.2.1.2.2-39	q. VFK Flight Plan: This message shall be used to establish a set of data for a VFR flight.	47
		q. VFR Flight Plan: The coordination field shall be used to designate that posting determination be performed on the VFR flight plan and to route VFR flight data to controller designated positions and facilities.	4	
		3.7.2.2.1.2.2-55	x. Airport VFR Flight Plan Request: Callsign, (Flight Status). (Code Block Selection). (CPSD coordinates, fix, or direction). (Airport).	4
		3.7.2.2.1.2.2-5t	x. Airport VFR Flight Plan Request: This message shoil be used to create a VFR flight plan for an aircraft.	4
		3.7.2.2.1.2.2-57	Airport VFR Flight Plan Request: The flight status shall be arrival, departure, or overflight.	4
		3.7.2.2.1.2.2-58	x. Airport VFR Flight Plan Request: If Flight Status is not entered, arrival or departure status shall be selected depending on whether the message is entered from a position providing arrival or departure services.	4
3.2.2.2	RECEIVE CONTROLLER REQUEST FOR FLIGHT PLAN AMENOMENT	3 7.2.1.3.7-00	ATC MAIL	1
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	1
3.2.2.4	QUERY PILOT/ CONTROLLER ON FLIGHT PLAN AMENDMENT	3.7.2.1.3 <i>7-0</i> 0	ATC MAIL	
		3.7.2.1.3.7-Ø1	The TCCC shall provide the capability to communicate via electronic media.	4

Tosk Number	Task Statement	Paragraph Number	Requirement	Page No.
T3.2.2.5	ENTER FLIGHT PLAN AMENDMENT	3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	476
		3.7.2.2.1.2.2-03	a. Flight Datu Amendment: Flight Identification, Field to be Modified, New Data.	476
		3.7.2.2.1.2.2-04	a. Flight Data Amendment: This message shall be used to modify, add to, or delete previously entered flight data for any flight plan.	476
		3.7.2.2.1.2.2-05	a. Flight Data Amendment: This message shall be used to enter a flight rule change from either VFR to IFR or IFR to VFR.	476
		3.7.2.2.1.2.2-66	 a. Flight Data Amendment: Amendment duta, when accepted, shall become port of the flight data base. 	477
		3.7.2.2.1.2.2-07	a, Flight Data Amendment: The flight data fields that can be amended are listed in Table 3.7-11. (See SLS).	477
13.2.2.6	RECEIVE FOE FROM OTHER CONTROLLER FOR FLIGHT PLAN AMENDMENT	3.7.2.2.1.2.2-00	FLICHT DATA CHANGES	476
		3.7.2.2.1.2.2-45	t. Transfer for Amendment: This message shall be used to route to a Cleorance Delivery/Flight Data position the identification of a departure flight for which a flight plan data modification is required.	479
	3.7.2.2.1.2.2-46	3.7.2.2.1.2.2-46	t. Transfer for Amendment: After the appropriate modifications are made, the new flight data shall be displayed to the requesting position with amended fields emphasized for acknowledgement.	479
13.2.2.7	EMPHASIZE FDE POSTING FOR REMINDER ACTION	3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	458
		3.7.2.2.1.1.2-04	The controller shall be provided the capability to emphasize an entire FDE with some display coding technique and subsequently to restore the FDE to its normal Jisplay.	451
		3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	476
		3.7.2.2.1.2.2-22	i. FDE and Data Field Emphasis: Flight Identification, Field to be Emphasized, Emphasized Data.	478
		3.7.2.2.1.2.2-23	i. FDE and Data Field Emphasis: This message shall enable the controller to udd, modify, or delete an emphasis on certain data fields in Table 3.7-11.	478
73.2.2.8	DELETE FDE EMPHASIS	3.7.2.2.1.1.2-00	FLIGHT DATA DISPLAY	450

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T3.2.2.8 (cont'd)	DELETE FDE EMPHASIS	3.7.2.2.1.1.2-04	The controller shall be provided the capability to emphasize an entire FDE with same display coding technique and subsequently to restore the FDE to its normal display.	451
Í		3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	476
		3.7.2.2.1.2.2-22	i. FDE and Data Field Emphasis: Flight Identification, Field to be Emphasized, Emphasized Data.	478
		3.7.2.2.1.2.2-23	i. FDE and Data Field Emphasis: This message shall enable the controller to add, modify, or delete an emphasis on certain data fields in Table 3.7-1:.	478
T3.2.3.1	OBSERVE NEW FLIGHT DATA ENTRY IN CLEARANCE PENDING LIST	3.7.2.2.1.1.2.4-88	CLEARANCE PENDING LIST	458
		3.7.2.2.1.1.2.4-01	The Clearance Pending List shall contain a list of aircraft identifications for departing aircraft whose flight data has been entered into the AAS for processing but have not received their initial clearance.	458
T3.2.3.2	REQUEST FULL FLIGHT PLAN READOUT	3.7.2.1.3.2-00	FLIGHT PLAN PROCESSING CAPABILITY	436
		5.7.2.1.3.2-06	Complete flight data shall be made available for display at any Position on request.	437
		3.7.2.2.1.1.2.1-00	FLIGHT DATA READOUT DISPLAY	454
		3.7.2.2.1.1.2.1-81	The Flight Data Readout Display shall be established to show all of the flight data listed in Table 3.7-11 on one particular flight chosen by the controller.	45/
		3.7.2.2.1.1.6-00	MESSAGE COMPOSITION AND RESPONSE DISPLAY	468
		3.7.2.2.1.1.6-04	The Response Display shall contain information that is a response to a query made by the controller to the data base such as a flight plan readout, a route readout or weather data readout or ATC mail message readout.	469
T3.2.3.3	OBSERVE FULL FLIGHT PLAN READOUT	3.7.2.2.1.1.2.1-00	FLIGHT DATA READOUT DISPLAY	45
		3.7.2.2.1.1.6- 88	MESSAGE COMPOSITION AND RESPONSE DISPLAY	46
		3.7.2.2.1.1.6-04	The Response Display shall contain information that is a response to a query made by the controller to the data base such as a flight plan readout, a route readout or weather data readout or ATC mail message readout.	46
T3.2.3.4	REVIEW FLIGHT DATA EMTRY FOR ERRORS/ DATA LIST SEQUENCE	3.7.2.2.1.1.2.1-00	FLIGHT DATA READOUT DISPLAY	45

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T3.2.3.4 (cont'd)	REVIEW FLIGHT DATA ENTRY FOR ERRORS/ DATA LIST SEQUENCE	3.7.2.2.1.1.2.1-81	The Flight Doto Readout Display shall be established to show all of the flight data listed in Table 3.7-11 on one particular flight chosen by the controller.	45
		3.7.2.2.1.1.2.4-00	CLEARANCE PENDING LIST	45
13.2.3.5	RESEQUENCE FDE MANUALLY	3.7.2.2.1.1.2.2-00	ARRIVAL LIST	4
		3.7.2.2.1.1.2.2-07	 b. Ordering - Flight Data Entries shall be ordered either automatically or manually under controller command. 	4
		3.7.2.2.1.1.2.2-11	b. Ordering - In manual ordering, the controller shall have the capability to put a new FDE in the appropriate place in a list and to move FDEs with respect to one another.	4
		3.7.2.2.1.1.2.3-00	DEPARTURE LIST	1
	orde	b. Ordering - Flight Data Entries shall be ordered either automatically or manually under controller command.	,	
		3.7.2.2.1.1.2.3-12	b. Ordering - In manual ordering, the controller shall have the capability to put a new FDE in the appropriate place in a sublist and to move FDEs with respect to one another.	
		3.7.2.2.1.1.2.4-00	CLEARANCE PENDING LIST	
		3.7.2.2.1.1.2.4-02	The list shall be ordered either automotically or manually under controller command.	
		3.7.2.2.1.1.2.4-05	In manual ordering, the controller shall have the capability to put a new FDE in a list and to move FDEs with respect to one another.	
		3.7.2.2.1.1.2.5-00	STANDBY LIST	
		3.7.2.2.1.1.2.5-02	This list shall have the some requirements for formatting and ordering as the Clearance Pending List.	
		3.7.2.2.1.1.2.6-00	OVERFLICHT LIST	1
		3.7.2.2.1.1.2.6-06	 b. Ordering - The list shall have the same requirements for ordering as the Departure List. 	
3,3.1.2	SEARCH CLEARANCE PENDING LIST FOR FDE	3.7.2.2.1.1.2.4-00	CLEARANCE PENDING LIST	
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Task Number	Task Statement	Paragraph Number	Requirement	No
3.3.1.2 cont'd)	3EARCH CLEARANCE PENDING LIST FOR FDE	3.7.2.2.1.1.2.4-01	The Clearance Pending List shall contain a list of aircraft identifications for departing aircraft whose flight data has been entered into the AAS for processing but have not received their initial clearance.	45
3.3.1.3	OBSERVE FDE FOR PRESENCE OF PDR/ PDAR AND/ OR REMARKS	3.7.2.2.1.1.2.1-00	FLIGHT DATA READOUT DISPLAY	45
		3.7.2.2.1.1.2.1-01	The Flight Data Readout Display shall be established to show all of the flight data listed in Table 3.7-11 on one particular flight chosen by the controller.	45
Γ3.3.1.4	REQUEST CLEARANCE FROM ACF CONTROLLER	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-81	The TCCC shall provide the capability to communicate via electronic media.	43
тз.з.1.5	RECEIVE CLEARANCE FROM AUF CONTROLLER	! } 3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
T3.3.1.8	VERIFY PILOT HAS CURRENT ATIS	3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	4
		5.7.2.2.1.1.3-03	Data for this display ore summarized in Tables 3.7-11 A. B. and C (A&M Dota, Airport Environmental Data, System Status Data).	4
		3.7.2.2.1.1.3-09	 a. Critical Data - The critical data page shall contain all data critical to a tower's operation. 	4
		3.7.2.2.1.1.5-11	a.2. Critical Data shall include: Current ATIS designator.	4
T3.3.1.9	TRANSFER FDE TO STANDBY LIST	3.7.2.2.1.1.2.5-00	STANDBY LIST	4
		3.7.2.2.1.1.2.5-03	Entries shall be posted in the list when the controller takes an action to move an aircraft from the Clearance Pending List to the Standby List.	4
T3.3.2.1	OBSERVE FOE IN STANDBY LIST	3.7.2.2.1.1.2.5-00	STANOBY LIST	4
		3.7.2.2.1.1.2.5-Ø1	The Standby List shall contain a list of aircraft identifications representing departure aircraft for which a clearance has been issued, but which are not ready to transfer to the Ground Controller.	4
T3.3.2.3	TRANSFER FDE TO OTHER CONTROLLER	3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	4
		3.7.2.2.1.2.2-42	s. Position-to-Position Transfer of Data- Flight Identification, Receiving Position.	

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T3.3.2.3 (cant'd)	TRANSFER FOE TO OTHER CONTROLLER	3.7.2.2.1.2 2-43	s. Position-to-Position Trensfer of Data: This message shall be used to transfer Flight Data Entries between positions in the tower.	479
T3.3.3.1	RECEIVE NOTICE OF SPECIAL OPERATION	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-Ø1	The TCCC shall provide the capability to communicate via electronic media.	439
Т3.3.3.2	PERCEIVE PRESENCE OF SPECIAL OPERATION	3.7.2.2.1.1.2-00	FLIGHT DATA CISPLAY	450
		3.7.2.2.1.1.3-0Ø	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	458
		3.7.2.2.1.1.3-03	Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	458
T3.3.3.3	INFORM OTHERS OF SPECIAL OPERATION	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the copability to communicate via electronic media.	439
13.3.3.5	RECEIVE NOTICE OF TERMINATION OF SPECIAL OPERATION	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T3.3.3.6	ENTER TERMINATION OF SPECIAL OPERATION	3.7.2.2.1.2.3-08	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	481
		3.7.2.2.1.2.3-22	f. System Status Data Changes: The controller shall be able to change the System Status Data that are listed in Table 3.7-11C.	482
T3.3.4.1	RECEIVE NOTICE OF SPECIAL CONDITION:/ EMERGENCY	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the copobility to communicate via electronic media.	439
T5.3.4.4	FORWARD SPECIAL CONDITION/ EMERGENCY INFORMATION TO SUPERVISOR/ ANOTHER CONTROLLER	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The 1000 shall provide the capability to communicate via electronic media.	459
T 3.3, 4,6	REVIEW CONTINGENCY CHECKLIST ON STATIC DISPLAY	3 7.2.2.1.1.7-00	STATIC INFORMATION DISPLAY	469

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Task Number	Task Statement	Paragraph Numbe.	Requirement	No.
3,3,4,6 cont'd)	REVIEW CONTINGENCY CHECKLIST ON STATIC DISPLAY	3.7.2.2.1.1.7-07	Any static display data items containing emergency operations or contingency plan checklists shall be arranged and coded so as to be quickly and easily recognized, accessed, and utilized.	47
3.3.4.8	RECEIVE NOTICE OF TERMINATION OF SPECIAL CONDITION/ EMERGENCY	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4
3.3.4.9	FORWARD NOTICE OF TERMINATION OF SPECIAL CONDITION/ EMERGENCY	3.7.2.1.3.7-00	ATC MAIL	4
		5.7.2.1.3.7-01	The TCCC sholl provide the capability to communicate via electronic media.	4
3.4.1.1	RECEIVE CANCELLATION OF TRAFFIC MANAGEMENT RESTRICTION	3.7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	1
3.4.1.2	OBSERVE NEW/ CHANGED ENTRY IN TRAFFIC MANAGEMENT ADVISORY LIST	3.7.2.2.1.1.5-00	SPECIAL LISTS	
		3.7.2,2.1.1.5-02	These lists shall include the following: a) Coast/Suspend List, b) Last Aircraft to Land at Airport List, c) Emergency Airport List, d) Group Suppression List, e) Traffic Moragement Advisory List, f) Rurway Configuration List, g) Departure Flow List, and h) Auto Handoff/Po.ntout Inhibit List.	
		3.7.2.2.1.1.5-03	Each list shall be independently displayed or removed from display on controller command.	
		3.7.2.2.1.1.5.6-ยัย	TRAFFIC MANAGEMENT ADVISORY LIST	
		3.7.2.2.1.1.5.6-Ø1	The Traffic Management Advisory shall contain the flow restrictions applicable to the parent ACF.	
3,4,1,3	RECEIVE TRAFFIC MANAGEMENT RESTRICTION (E.G., EDCT)	3.7.2.2.1.1.2.1-00	FLIGHT DATA READOUT DISPLAY	
		3.7.2.2.1.1.2.1-01	The Flight Data Readout Display shall be established to show all of the flight data listed in Table 3.7-11 on one particular flight chosen by the controller.	
		3.7.2.2.1.1.5.6-ฮีขี	TRAFFIC MANAGEMENT ADVISORY LIST	
		3.7.2.2.1.1.5.6-Ø1	The Traific Management Advisory shall contain the flow restrictions applicable to the parent ACF.	

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
73.4 ! 4	FORWARD TRAFFIC MANAGEMENT RESTRICTION TO SUPERVISOR/ OTHER CONTROLLER/ PILOT	3.7.2.1.3.7-00	ATC MAII.	439
		3.7.2.1.3,7-01	The TCCC shall provide the capability to communicate via electronic media.	439
13,4,1,7	OBSERVE DELETION OF ENTRY FROM TRAFFIC MANAGEMENT ADVISORY LIST	3.7.2.2.1.1.5.6-00	TRAFFIC MANAGEMENT ADVISORY LIST	467
T 3 .5.1.1	REVIEW ATIS RECORDING	3.7.2.1.3.6.4-00	AUTOM TIC TERMINAL INFORMATION SERVICE (ATIS) MESSAGE GENERATION	438
		3.7.2.1.3.6.4-06	The TCCC shall include provisions for the controller to review the new ATIS voice message and to modify the stored source data by changing part or all of the data or adding additional remarks.	439
13.5.1.2	UPDATE ATIS RECORDING	3.7.2.1.3,6.4-08	AUTOMATIC TERMINAL INFORMATION SERVICE (ATIS) MESSAGE GENERATION	431
		3.7.2.1.3.6.4-03	The ATIS message shall be updated with the arrival of the newest Surface Observation; when a change is mode to source data, such as runway change, instrument approach in use, etc.; upon receipt of a special Surface Observation (RS, SP); or with a controller input requesting on ATIS v Joie.	43
		3.7.2.1.3.6.4-06	The TCCC shall include provisions for the controller to review the new ATIS voice message and to modify the stored source data by changing part or all of the data or adding additional remarks.	43:
		3.7.2.1.3.6.4-07	It shall also be possible to append controller spoken remarks to the synthesized ATIS message.	43
T3.5 1.3	ENTER AMOS/ ASOS APPENDAGE	3.7.2.2.1.2.3-80	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	48
		5.7.2.2.1.2.3-25	g. Append AWOS/ASOS Data: Text.	48
		3.7.2.2.1.2.3-26	g. Append AMOS/ASOS Data: This message shall provide the controller with the capability to append AMOS/ASOS sensor data with controller-entered text remarks for transmittal to AMOS/ASOS.	48
T3.6.1.1	GRIEF RELIEVING CONTROLLER	3.7 2.2.1.1.7-00	STATIC INFORMATION DISPLAY	46
		3.7.2.2.1.1.7-02	The following table lists the data that shall be displayed: (See SL5).	4€
		3.7.2.2.1.1.7-03	The copobility shall be provided to display data items selected from the above lists.	47
T3,6.1.2	SIGN OFF AT CONSOLE	3.7.1.2.1.2.9-00	SIGN ON/SIGN OFF	39

fask Number	Task Statemer:t	Paragraph Number	Requirement	Pag No
5.6.1.2 cont'd)	SIGN OFF AT CONSOLE	3.7.1.2.1.2.9-84	b. Sign Off. User Identification, (Operational Responsibility Designator(s)).	35
		3.7.1.2.1.2.9-05	b. Sign Off: This message shall be used to enable a person to sign off an operational position.	3:
		3.7.2.2.1.2.7-00	SIGN ON/SIGN OFF	4:
		3.7.2.2.1.2.7-81	The set of messages specified in 1.7.1.2.1.2.9 shall apply.	4
3.6.2.1	SET UP TPC ADAPTATION PARAMETERS	3.7.1.1.3.7.5-06	DISPLAY PREFERENCE SET PROCESSING	3
		3.7.1.1.3.7,5-01	The capability shall be provided for each controller to establish multiple preference sets for each of multiple sectors for a total of 10 preference sets per controller.	3
		3.7.1.1.3.7.5-02	Each display preference set shall be uniquely identifiable and shall contain the location and size of logical display viewports on physical displays, the data item assignments to each brightness control group, the selection of display attributes, and the selection of posting, ordering (See SLS).	3
		3.7.1.1.3.7.5-03	The capability shall be provided for each controller to modify his/her own preference set.	
		3.7.1.2.1.2.9-00	SIGN ON/SIGN OFF	
		3.7.1.2.1.2.9-#6	c. Modify Display Preference Set: User Identification, Password, Display Preference Identifier, Data to be Changed.	
		3.7.1.2.1.2.9-07	c. Modify Display Preference Set: This message shall be used to modify one's own display preference set(0).	
		3.7.2.1.3.9-00	DISPLAY PREFERENCE SET PROCESSING	
		3.7.2.1.3.9-01	The requirements of 3.7.1.1.3.7.5 shall apply.	
		3.7.2.2.1.2.7-00	SIGN ON/SIGN OFF	
		3.7.2.2.1.2.7-01	The set of messages specified in 3.7.1.2.1.2.9 shail apply.	
73.6.2.2	RECEIVE CONTROL!ER RELIEF BRIEFING	3.7.2.2.1.1.7-00	STATIC INFORMATION DISPLAY	
		3.7.2.2.1.1.7-02	The following table lists the data that shall be displayed: (See SLS).	
]

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
T3.6.2.2 (cont'd)	RECEIVE CONTROLLER RELIEF BRIEFING	3.7.2.2.1.1.7-03	The capability shall be provided to display dato items selected from the above lists.	471
		3.7.2.2.1.1.10-00	CONTROLLER NOTEPAD DISPLAY	471
		3.7.2.2.1.1.18-84	These notes shall only be displayed at the entering position and shall remain in the logical display until the controller takes an action to delete them.	47
T3.6.2.4	SIGN ON AT DESIGNATED CONSOLE	3.7.1.2.1.2.9-00	SIGN ON/SIGN OFF	39
		3.7.1.2.1.2.9~04	b. Sign Off: User Identification, (Operational Responsibility Designator(s)).	39
		3.7.1,2.1,2.9-05	t. Sign Off: This message shall be used to enable a person to sign off an operational position.	39
		3.7.2.2.1.2.7-00	SIGN ON/SIGN OFF	46
		3.7.2.2.1.2.7-01	The set of messages specified in 3.7.1.2.1.2.9 shall apply.	48
T3.6.2.5	REQUEST IMPLEMENTATION OF TPC ADAPTATION PARAMETERS	3.7.1.1.3.7.5-00	DISPLAY PREFERENCE SET PROCESSING	32
		3.7.1.1.3.7.5-04	The capability shall be provided for the controller to display and to invoke a display preference set selectable from all sets established in the ACCC.	30
		3.7.1.1.3.7.5-Ø5	The controller shall be able to display and to invoke an entire preference set or partians of a preference set which deal with individual logical displays.	36
		3.7.1.1.3.7.5-06	If the controller chooses to invoke portions of the requested preference set, the system shall use the contents of that set which apply to the individual logical display(s), exclusive of logical display viewport location(s).	31
		3.7.1.2.1.2.9-00	SIGN ON/SIGN OFF	39
		3.7.1.2.1.2.9- 0 8	d. Display/Invoke Display Preference Set: Display Preference Identifier, (Logical Display Identifier(s)), (Current Display Selections), (Invoke), (Logical Display Viewport Location(s)).	3:
		3.7.1.2.1.2.9-10	d, Display/Invoke Display Preference Set. This message shall be used to display a preference set selectable from all sets establish the ACCC.	3
		3.7.1.2.1.2.9-11	d. Display/Invoke Display Preference Set: The controller shall be able to display an entire preference set or portions of the requested preference set which deal with individual logical displays.	3

Tosk Number	Task Statement	Paragraph Number	Pequirement	Pag No
3.6.2.5 cont'd)	REQUEST IMPLEMENTATION OF TPC ADAPTATION PARAMETERS	3.7.1.2.1.2.9-12	d. Disploy/Invoke Disploy Preference Set: If current display selections are requested, the Disploy Control selections currently in use at the operational position shall be displayed in addition to the requested display preference set.	39
		3.7.1.2.1.2.9-13	d. Display/Invoke Display Preference Set: This massage shall be used to invoke the displayed preference set that has been selected for display, and to specify logical display viewport location(s) if applicable.	39
		3.7.2.1.3.9-00	DISPLAY PREFERENCE SET PROCESSING	44
		3.7.2.1.3.9-#1	The requirements of 3.7.1.1.3.7.5 shall apply.	44
		3.7.2.2.1.2.7-00	SIGN ON/SIGN OFF	48
		3.7.2.2.1.2.7-01	The set of messages specified in 3.7.1.2.1.2.9 shall apply.	48
73.6.2.6	ADJUST PARAMETERS AND DISPLAY TO PERSONAL REFERENCE	3.7.2.2.1.1-08	DISPLAYED DATA	44
		3.7.2.2.1.1-07	The time of day in hours, minutes and seconds shall be displayed at all ICCC Position Consoles on a physical display at adapted positions.	4
		3.7.2.2.1.1-08	The controller shall be able to alter the position for the display of time.	4
		3.7.2.2.3.1-88	GENERAL DISPLAY REQUIREMENTS	4
		3.7.2.2.3.1,1-00	SYMBOL GENERATION	4
		3.7.2.2.3.1.1-03	The Console shall provide for operator selection of symbol sizes.	4
13.6.2.7	REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE SELF	3.7.2.1.3.6.1-00	ENVIRONMENTAL DATA ACCEPTANCE AND MAINTENANCE	4
		3.7.2.1.3.6.1-Ø1	The TCCC shall provide interfaces with the airport equipment specified in Section 10, Toble 10.2-1 and shall accept and maintain the operational, alarm, and status data received from equipment systems.	4
		3.7.2.2.1.1,3-06	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	4
		3.7.2.2.1.1.3-03	Dota for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	
		3.7.2.2.1.1.3~08	At least the following data pages shall be adapted at each position and at least two pages shall be displayable simultaneously:	}

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Task Number	Task Statement	Paragraph Number	Requirement	No
3 .6.2.7 cont'd)	REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE SELF	3.7.2.2.1.1.3-09	 a. Critical Data - The critical data page shall contain all data critical to a tower's operation. 	45
		3.7.2.2.1.1.3-22	 b. Outage Summory - The outage summary page shall contain present outages on all equipment included in the system. 	45
		5.7.2.2.1.1.3-25	d. RVR Status Page - The RVR Status page shall contain the RVR data for all runways on the airport as opposed to just the runways shown on the critical data page.	46
		3.7,2,2.1.1.3-26	e. VASI Status Page - The VASI Status page shall contain the status of all Visual Approach Slope Indicators at the airport.	41
		3.7.2.2.1.1.3-27	f. ILS/MLS Monitor Page - The ILS/MLS monitor page shall contain the status of all ILS and/or MLS equipment at the airport.	4:
		3.7.2.2.1.1.3-28	g. LLWAS Status Page - The LLWAS status page shall contain the boundary win's from the Low Level Wind Shear Alert System for all runways.	4
		3.7.2.2.1.1.4-06	ALERT AND RESOLUTION DISPLAY	4
	<u> </u>	3.7.2.2.1.1.4-09	Equipment outages and repairs shall be displayed in the Alert Display to the controller for his acknowledgement.	1
3.6.2.8	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER	3.7,2,2,1,1,2-00	FLIGHT DATA DISPLAY	1
		3.7.2.2.1.1.2-01	The Flight Data Displays shall consist of six logical displays: Flight Data Readout Display, Arrival List, Departure List, Clearance Pending List, Standby List, and Overflight List.	
		3.7.2.2.1.1.3-88	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	
		3.7.2.2.1.1.3-03	Data for this display are summarized in Tables 3.7-11 A. B. and C (A&M Data, Airport Environmental Data, System Status Data).	
		3.7.2.2.1.1.3-09	a. Critical Data - The critical data page shall contain all data critical to a tower's operation.	
		3.7.2.2.1.1.3-18	a.9. Critical Duta shall include: One meteorological message chosen by the controller.	
		3.7.2.2.1.1.3-29	h. Agronautical and Meteorological (A&M) Data Page - The A&M Data page shall contain aeronautical and meteorological information that may be of interest to the controller.	

Tas⊭ Number	Task Statement	Paragraph Number	Requirement	Page No.
[3.6.2.8 (cont'd)	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER	3.7.2.2.1.1.3-32	j. AWCS/ASOS Data Page - The AWOS/ASOS Data page shall contain AWOS/ASOS information that may be of interest to the controller.	460
		3.7.2.2.1.1,4-00	ALERT AND RESOLUTION DISPLAY	465
		3.7.2.2.1.1.4- 0 7	Aerongutical and meteorological alerts, such as SIGMETs and AIRMETs and urgent PIREPs shall be displayed in the Alert Display for controller acknowledgement.	465
		3.7.2.2.1.1.5-80	SPECIAL LISTS	465
		3.7.2.2.1.1.5-Ø2	These lists shall include the following: a) Coast/Suspend List, b) Last Aircraft to Land at Airport List, c) Emergency Airport List, d) Group Suppression List, e) Traffic Management Advisory List, f) Runway Configuration List, g) Departure Flow List, and h) Auto Handoff/Pointout Inhibit List.	465
T3.6.3.2	INFORM SUPERVISOR OF POTENTIAL OVERLOAD CONDITION	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the carobility to communicate via electronic media.	439
T3.6.3.3	RECEIVE SUPERVISOR NOTICE TO COMBINE/ DECOMBINE POSITIONS	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1 3.7-01	The TCCC small provide the capability to communicate via electronic media.	439
T3.6.3.4	REQUEST ASSISTANCE OR RELIEF	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T3.6.4.2	OBSERVE TPC CONFIGURATION IN RESPONSE TO CONFIGURATION MESSAGE	3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	456
		3.7.2.2.1.1.3-03	Data for this display are summarized in Tables 3.7-11 A. B. and C (A&M Data. Airport Environmental Data, System Status Data).	458
T3.7.1.1	DETECT NON-ACCEPTANCE OF INPUT DATA	3.7.1.1.2.3-00	RESPONSES TO INPUT MESSAGES	265
		3.7.1.1.2.3-01	Response messages shall be generated as appropriate to the system design and the devices employed for Data Entry and Display.	269
		3.7.1.1.2.3-02	There shall always be some response to the source of any local or remote message that originated at a manned position, to confirm that the system has taken note of the massage and is acting on it.	265
		3.7.1.2 .1.2- 68	CONTROLLER INPUT LANGUAGE PROCESSING	36

csk Number	Task Statement	Paragraph Number	Requirement	Pag No
	DETECT NON-ACCEPTANCE OF INPUT DATA	3.7.1.2.1.2-53	ne.5 Feedback for alphanumeric inputs shall appear on the Message Composition and Response Display.	36
		3.7.1.2.1.2-57	ae. Feedback - Every single type of every interaction activity shall result is some type of positive lexical feedback.	36
		3.7.1.2.1.2-58	af. Error Handling - When an error condition is encountered, the controller shall be provided appropriate feedback such that he/she can easily determine what was received by the system as input, what fields or data items were detected as being erroneous, and what error checking (See SLS).	36
		3.7.2.1.2-00	INPUT MESSAGE PROCESSING SUBAREA	43
		3.7.2.1.2-01	The requirements of paragraph 3.7.1.1.2 shall apply.	43
		3.7.2.2.1.2~00	DATA ENTRY FUNCTIONS	47
		3.7.2.2.1.2-03	Controller Input Longuage capabilities specified for the ACCC in section 3.7.1.2.1.2, not including numbered subsections shall also apply to the TCCC.	47
3.7.1.2	ENTER INPUT DATA MANUALLY ON CONSOLE	3.7.2.2.1.2.2-00	FLIGHT DATA CHANGES	4
		3.7.2.2.1.2.2-03	 a. Flight Data Amendment: Flight Identification, Field to be Modified, New Data. 	43
		3.7.2.2.1.2.2-04	a. Flight Data Amendment: This message shall be used to modify, add to, or delete previously entered flight data for any flight plan.	4
		3.7.2.2.1 2.2-05	a. Flight Data Amendment: This message shall be used to enter a flight rule change from either VFR to 1FR or IFR to VFR.	4
		3.7.2.2.1.2.2-07	a. Flight Data Amendment: The flight data fields that can be amended are listed in Table 3.7-11. (See SLS).	4
		3.7,2.2.1.2.2-08	a. Flight Data Amendment: If the data are adapted for display in the tower, the displayed information shall be modified accordingly.	4
		3.7.2.2.1.2.2-14	d. Fiight Plan: Callsign, A/C Data, (Beacon Code), True Air Speed, Coordination Fix or Departure Point, Coordination Time, Altitude, Route, (Remarks), (Mode S Address), (Indicated Airspeed), (Destination Airport).	
		3.7.2.2.1.2.2-15	d. Flight Plan: This message shall be used to estublish a flight plan for a flight.	

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
• • • • •	ENTER INPUT DATA MANUALLY O'I CONSOLE	3.7.2.2.1,2.2-38	q. VFR Flight Plan: Aircraft Identification, (A/C Dato), (Beacon Code), (Departur', Point), (Destination), (True Air Speed), (Coordination Fix), (Coordination Time), (Altitude), (Route), (Remarks), (Heading), (Rurway Assignment), (Estimated Time of Arrival), (Coordination).	475
		3.7.2.2,1.2.2-39	q. VFR Flight Plan: This message shall be used to establish a set of data for a VFR flight.	479
		3.7.2.2.1.2.2-42	s. Position-to-Position Transfer of Data: Flight Identification, Receiving Position.	479
		3,7.2.2.1.2.2-43	s. Position-to-Position Transfer of Data: This message shall be used to transfer Flight Data Entries between positions in the tower.	479
		3.7.2.2.1.2.2-55	x. Airport VFR Flight Plan Request: Callsign, (Flight Status), (Code Block Selection), (CPSD coordinates, fix, or direction), (Airport).	482
		3.7.2.2.1.2.2-56	x. Airport VFR Flight Plan Request: This message shall be used to create a VFR flight plan for an aircraft.	486
		3.7.2.3.2-00	FLIGHT PLAN PROCESSING SUBAREA	493
		3.7.2.3.2-Ø1	Instead, the TCCC shall accept manually entered flight plan data.	493
		3.7.2.3.2-02	All operational input actions for the routing of Flight Plan display data between positions within a tower (as specified for the Normal Mode), for the readout of data contained within the TCCC data base (as specified for the Normal Mode), and modification of flight data shall continue to function.	493
	FORLARD INPUT DATA MANUALLY TO OTHER TPC	5.7.2.3.2 dd	FLIGHT PLAN PROCESSING SUBAREA	493
		3.7.2.3.2-Ø1	Instead, the YCCC shall accept manually entered flight plan data.	493
		3.7.2.3.2-02	All operational input actions for the routing of Flight Plan display data between positions within a tower (os specified for the Normal Mode), for the readout of data contained within the TCCC data base (as specified for the Normal Mode), and modification of flight data shall continue to function.	493
	RECEIVE INPUT DATA MANUALLY FORWARDED FROM OTHER TPC	3.7.2.3.2-00	FLIGHT PLAN PROCESSING SUBAREA	493
		3.7.2.3.2-01	Instead, the TCCC shall accept manually	493

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
T3.7.1.4 (cont'd)	RECFIVE INPUT DATA MANUALLY FORMARDED FROM OTHER TPC	3.7.2.3.2-02	All operational input actions for the routing of Flight Plan display data between positions within a tower (os specified for the Normal Mode), for the readout of data contained within the TCCC data base (as specified for the Normal Mode), and modification of flight data shall continue to function.	493
T3.7.2.1	RECEIVE NOTICE OF TPC FAILURE	3.7.2.1.3.7-80	ATC MAIL	439
		3,7,2,1,3,7-01	The TCCC shall provide the capability to communicate via electronic media.	435
13.7.2.3	FORWARD NUTICE OF EQUIPMENT STATUS	3.7.2.1.3.7-00	ATC MAIL	43!
		3,7.2,1,3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T3.7.3.4	VERIFY COMPUTER ACTION DURING TRANSITION STAGES	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the copobility to communicate via electronic media.	43
		3.7.2.2.1.2.3-00	SYSTEM ENVIRONMENTAL AND SYSTEM STATUS DATA	48
		5.7.2.2.1.2.3-22	f. System Stutus Datu Changes. The controller shall be able to change the System Status Data that are listed in Table 3.7-11C.	48
		3.7.2.2.1.2.3-23	f. System Status Data Changes: These messages shall change the text stored for the various categories of data but not affect the processing of any functions.	48
		3.7.2.2.1.2.3-24	f. System Status Data Changes: Currently displayed data and subsequent requests for information shall reflect the new or additional information.	48
τ3.7.3.5	RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES	3.7.2.1.3.7-00	ATC MAIL	43
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
T3.7.4.1	DETECT COMMUNICATION FAILURE	3.7.2.2.1.1.3-00	SYSTEM ENVIRONMENTAL AND STATUS DATA DISPLAY	45
		3.7.2.2.1.1.3-03	Data for this display are summarized in Tables 3.7-11 A, B, and C (A&M Data, Airport Environmental Data, System Status Data).	45
T3.7.4.3	RECEIVE NEW FREQUENCY ASSIGNMENT	3.7.2.1.3.7-00	ATC MAIL	4.
		3.7.2.1.3.7-81	The TCCC shall provide the capability to communicate via electronic media.	4

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
13.7.4.5	RECEIVE NOTICE OF ALTERNATE COMMUNICATION PATH	3.7.2.1.3.7-00	ATC MAIL	459
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	433
13.7.4.6	FORWARD NOTICE OF COMMUNICATION STATUS	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	439
T 3 .7.4.7	FORHARD NEH FREQUENCY ASSIGNMENT	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7-01	The TCCC sholl provide the capability to communicate via electronic media.	43:
T3.7.4.8	FORWARD ALTERNATE COMMUNICATION PATH	3.7.2.1,3.7-00	ATC MAIL	43!
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
Υ 3.7.5.1	RECEIVE NOTICE OF TRANSTENT COMMUNICATION FAILURE	3.7.2.1.3.7-06	ATC MAIL	43
		3.7.2.1.3.7-81	The TCCC shall provide the capability to communicate via electronic media.	45
т3.7.5.3	REQUEST COMMUNICATION CHECK FROM OTHER POSITION/ AIRCRAFT/ AGENCY	3.7.2.1.3.7-00	ATC MAIL	43
		3.7,2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	43
T3.7.7.1	DETECT TCCC STAND-ALONE MODE INDICATOR	3.7.2.1.1.3.3-88	DETERMINE SYSTEM MODE	43
		3.7.2.1.1.3.3-02	If a failure occurs, the TCCC shall signal all positions and automatically transition to Stand-alone Mode.	43
		3.7.2.2.1.1-00	DISPLAYED DATA	44
		3.7.2.2.1.1-89	A Stand-Alone Mode Indicator shall be displayed at all TCCC Position Consoles in an adapted location on a physical display.	44
т3.7.7.2	RECEIVE NOTICE OF TCCC STAND-ALONE MODE	3.7.2.1.3.7-00	ATC MAIL	4
		3.7.2.1.3.7-01	The TCCC shall provide the capability to communicate via electronic media.	4
T3.7.7.3	INFORM SUPERVISOR OF TCCC STAND-ALONE MODE	3.7.2.7.3.7-80	ATC MAIL	4

		o Requirement Traceot		Page No.
ask Number	Tusk Statement	Paragraph Number	Requirement	No.
5.7.7.3 cont'd)	INFORM SUPERVISOR OF TCCC STAND-ALONE MODE	3 .7.2. 1.3 .7- 0 1	The TCCC shall provide the capability to communicate via electronic media.	439
3.7.7.4	RECEIVE NOTICE OF ACF BACKUP	3.7.2.1.3.7-00	ATC MAIL	439
		3.7.2.1.3.7 -01	The TCCC shall provide the capability to communicate via electronic media.	439
				439

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Task Number	Task Statement	Task Type
T3	CLEARANCE DELIVERY/ FLIGHT DATA	j
T3.1	PERFORM CLEARANCE DELIVERY/ FLIGHT DATA SITUATION MONITORING	}
T3.1.1	RECEIVING ENVIRONMENT AND STATUS INFORMATION	
T3.1,1,11	OBSERVE SYSTEM STATUS DIRECTLY	R/A
T3.1.2	HOUSEKEEPING	
T3.1.2.5	DELETE FDE FROM TCCC SYSTEM	E
T3.2	ROUTE OR PLAN FLIGHTS	
T3.2.1	PROCESSING FLIGHT PLANS	
T3.2.1.1	RECEIVE FLIGHT PLAN FROM PILOT	νc
T3.2.1.3	QUERY PILOT ABOUT FLIGHT PLAN	vc
T3.2,2	PROCESSING FLIGHT PLAN AMENOMENTS	
T3.2.?.1	RECEIVE PILOT REQUEST FOR FLIGHT PLAN AMENDMENT	vc
T3.2.2.3	DETERMINE NEED FOR FLIGHT PLAN AMENDMENT	A
T3.2.3	REVIEWING NEW FLIGHT DATA ENTRIES	
T3 3	MANAGE AIR TRAFFIC SEQUENCES	
13.3.1	PLANNING AND ISSUING CLEARANCES	
T3.3.1.1	RECEIVE PILOT REQUEST FOR CLEARANCE	vc
T3.3.1.6	FORMILATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS	A
T3.3.1.7	ISSUE CLEARANCE AND INSTRUCTIONS TO PILOI	vc
T3.3.2	TRANSFERRING FLIGHT DATA INFORMATION	
T3.3.2.2	ISSUE NOTICE TO PILOT TO CONTACT/ MONITOR GROUND CONTROL	vc
13.3.3	RESPONDING TO SPECIAL OPERATIONS	
13.3.3.4	CONDUCT SPECIAL OPERATION ACTIONS	Teo
13.3.4	RESPONDING TO SPECIAL CONDITIONS/ EMERGENCIES	
13.3.4.2	OBSERVE AIRCRAFT/ VEHICLE ASMORMALITY DIRECTLY	R/A
13.3.4.3	PERCEIVE PRESENCE OF SPECIAL CONDITION/ EMERGENCY AURALLY	A/VC
13.3.4.5	INFORM PILOT/ VEHICLE OPERATOR OF ABNORMAL AIRCRAFT/ VSH CLE CONDITION	vc
T3.3.4.7	CONDUCT RAMP SEARCH FOR OVERDUE AIRCRAFT	R
T3.4	RESPOND TO FLOW CONSTRAINTS	
13.4.1	RESPONDING TO FLOW CONSTRAINTS	•
T3.4.1.5	DISCUSS TRAFFIC MANAGEMENT RESTRICTION PROCEDURES WITH CONTROLLER/ PILOT	vc
T3.4.1.6	INFORM PILOT OF ESTIMATED DEPARTURE CLEARANCE TIME	vc
13.5	ASSESS WEATHER IMPACT	}
13.5.1	RESPONDING TO SIGNIFICANT HEATHER INFORMATION	1
13.6	MANAGE CLEARANCE DELIVERY/ FLIGHT DATA CONTROLLER POSITION RESOURCES	
T3.6.1	BRIEFING RELIEVING CONTROLLERS	
13.6,1.3	VERIFY COMPLETENESS OF RELIEF BRIEFING RECEIPT	R/A
T3.6.2	ASSUMING POSITION RESPONSIBILITY	
13.6.2.3	CHECK DISPLAY FOR PROPER CONFIGURATION, USABILITY, AND SATISFACTORY STATUS	R/A
13.6.3	MANAGING PERSONAL WORKLOAD	

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Task Number	Task Statement	Task Type
T3.6.3.1	DETERMINE IMPENDING CONTROLLER OVERLOAD	A
T3.6.4	RESPONDING TO PUSITION RECONFIGURATIONS	
T3.6.4.1	CONDUCT POSITION COMBINATION/ DECOMBINATION PROCEDURES	E/R
T3.7	RESPOND TO SYSTEM/ EQUIPMENT DEGRADATION	
T3.7.1	RESPONDING TO TRANSIENT TCCC FAILURES	
T3.7.2	EXECUTING BACKUP PROCEDURES FOR TPC FAILURES	
T3.7.2.2	DETECT OCCURRENCE OF TPC FAILURE	R/A
T3.7.3	EXECUTING BACKUP PROCEDURES FOR TCCC FAILURES	
13.7.3.1	RECEIVE NOTICE OF TCCC FAILURE	vc
13.7.3.2	DETECT OCCURRENCE OF TCCC FAILURE	R/A
T3.7.3.3	REVERT TO TCCC BACKUP PROCEDURES (TBD)	TB0
T3.7.4	EXECUTING BACKUP PROCEDURES FOR COMMUNICATION FAILURES	
T3.7.4.2	SHITCH TO BACKUP RADIO/ FREQUENCY	ξ
T3.7.4.4	ADJUST COMMUNICATION PATH TO ACCOMMODATE FAILURE/ OVERLOAD	E
тз.7.5	RESPONDING TO TRANSIENT COMMUNICATION FAILURES	
тз.7.5.2	DETECT TRANSIENT COMMUNICATION FAILURE	A/VC
T3.7,5.4	RECEIVE COMMUNICATION CHECK FROM OTHER POSITION/ AIRCRAFT/ AGENCY	vc
ТЗ.7.6	RESPONDING TO AIRPORT EQUIPMENT FAILURES	
13.7.8.1	COSSERVE FAILURE OF AIRPORT EQUIPMENT	Ĥ/A
тз.7.7	RESPONDING TO ACCC FAILURES	
T3.7.7.5	REVERT TO ACCC BACKUP PROCEDURES (TBD)	TBD
T3.7.7.6	REVERT TO ACCC DEGRADED PROCEDURES (TBD)	TBD
73.7.7.7	REVERT TO TOCC STAND-ALONE MODE PROCEDURES (TBD)	DBT
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APPENDIX G

SITE VISIT INFORMATION

No Air Traffic Control sites were visited as part of the preparation of this version of Volume V. Operations content was derived from the earlier report of ATCT/TCCC controller tasks [13, 14] and from the current System Level Specification [21]. In the preparation of the earliest version of Tower position analyses [13], a significant number of ATC facilities were visited and site personnel interviewed.

APPENDIX H

EXPANDED OPERATIONAL SCENARIOS

This appendix contains expansions of the baseline scenarios for TCCC controllers (Appendix B of Volume I):

Scenario IV:

Tower Local Position

Scenario VI:

Tower Ground Positition

Scenario VII:

Tower Clearance Delivery/Flight Data Position

Appendix B in Volume I of this series contains the background description of the scenarios, the baseline scenarios from which the present expansions were produced, and the map of the fictitious airspace assumed for the scenarios. The explanation of these scenarios is presented in Section 3.2.6 of Volume I.

The scenarios are expanded by analysis of the baseline scenario data versus the Composition Graphs in Appendix A and the Task Information Requirements in Appendix D, to show in detail how the controller might respond under each applicable scenario in the ATCT/TCCC time frame. Thus, the expanded scenarios present a solution for each problem posed in their baseline scenarios.

The expanded scenarios provided in this appendix contain seven columns of data:

Time (in Zulu time reference) for each situation presented

Situation as introduced in the baseline scenario

Controller Task to identify the number and statement of tasks that are pertinent to that situation

Display Output Requirements to identify display output data objects that are pertinent to each scenario task

Source of the listed display outputs

Data Input Requirements to identify controller input data objects that are pertinent to each scenario task

Remarks to explain TCS actions and other useful information.

Above the last four columns is a line identifying the reference number for the scenario situation being presented. This number is to be used to track scenario situations between baseline and expanded scenario descriptions.

NOTE: Due to the inclusion of three new scenarios in this Appendix, black lines (side bars) in the margins to indicate substantive changes (see Foreword) from the original volume have not been used.

			OPERATIONAL SCENARIOS	ARIOS		
SCENARIO IV:	RIO IV: TOWER LOCAL POSITI	L POSITION	ACTI	ACTIVITY: IV - 1, IV	IV - 1, IV - 2, IV - 3, IV - 4	PAGE 1
TIME	SITUATION	CONTROLLER TASK	DISPLAY OUTPUT REQUIREMENTS	SOURCE	DATA INPUT REQUIREMENTS	REMARKS
2001.00	AIRCRAFT TO EDGE OF SECTOR, POINTOUT RECEIPT	T1.4.8.1 RECEIVE POIINTOUT	TARGET SYMBOL, FULL DATA BLOCK (EMPHASIZED POINTOUT INDICATOR)	SITUATION DISPLAY		(IV-1) SECTOR GO POINTS OUT NG3A TO LOCAL
		TI.4.8.2 ACCEPT POINTOUT			ACCEPT POINTOUT, FLIGHT ID	(19'-1) LOCAL ACCEPTS PONNTOUT ON N63A
_ _		T1.4.8.5 TRANSFER FDE TO OVERFLIGHT LIST			POSITION TO POSITION TRANSFER OF DATA, FLIGHT ID, POSITION	(IV.1) LOCAL TRANSFERS FDE, N33A TO OVERFLIGHT LIST
2003:00	WIND DIRECTION/SPEED CEPORT/OBSERVATION	F1.52.3 RECEIVE WEATHER REPORT/UPDATE	SURFACE OBSERVATION	A&M DATA DISPLAY		(IV-2) LOCAL OBSERVES CHANGING WIND DIRECTION/SPEED
		11528 DETERWINE WHETHER RUMMAY CONDITIONS HAVE CHANGED				(IV-2) LOCAL CCMPASES CUBRENT WIND DIPECTIONSPEED TO FACILITY DIRECTIVE ON RUNWAY USAGE
		T15.16 OBSERVE WEATHER AREAINTENSITYCEILING BASE/HEIGHT/ MOVEMENT/ VISIBILITY/MINIOS	WINDS	A&M DATA DISPLAY, RUNWAY CONFIGURA TION LIST		(IV-2) LOCAL MONITORS CHANGING WEATHER SITUATION
2006:00	RUNWAYTAXIWAY OPEN CLOSE	T1.3.7 RECEIVE NOTICE OF NEW/CHANGED SYSTEM ENVIRONIMENTAL AND STATUS DATA	RUNWAY CONFIGURATION LIST	SPECIAL LIST		(10-3) LOCAL OBSERVES A RUNWAY CHANGES ENTERED BY SUPERVISOR
		71.33.17 ENTER RUNWA VASSIGNMENT FOR AIRCRAFT			RUNWAY ASSIGNMENT MESSAGE, RUNWAY, FLIGHT ID	(IV-3) LOCAL CHANGES RUNWAY ASSIGNMENT FOR AFFECTED AIRGRAFT
		11.63.5 REQUEST CHANGE OF ARPORT ACCEPTANCE RATE			108	(IV.3) INITATING G/G COMMUNI- CATIONS (LOCAL DISCUSSES AIRPORT ACCEPTANCE RATE WITH SUPERVISOR:
2007.00	FLOW MANAGEMENT	T1.32.5 ISSUE APPROPRATE DEPARTURE INFORMATION	FDE, EDCT	TCS, FLIGHT DATA DISPLAY		(IV-4) LOCAL ADVISES UALB6 OF DELAY AND NEW EDCT
		71.3.2.6 DISCUSS SEOUENCING WITH GROUND CONTROLLER		1CS		(IV.4) INITIATING G/G COMMUNI. CATIONS (LOCAL DISCUSSES DEPARTURE SEQUENCE WITH GROUND)

			OPERATIONAL SCENARIOS	IARIOS		
SCENARIO IV:	HO IV: TOWER LOCAL	AL POSITION	AC.	ACTIVITY: IV - 4, IV	-5, IV -6	PAGE 2
TIME Z	SITUATION	CONTROLLER TASK	DISPLAY OUTPUT REQUIREMENTS	SOURCE	DATA INPUT	REMARKS
		T1.3.2.7 DETERMINE SEQUENCE FOR CEPARTURE A RCRAFT				(IV.4) NEW SEQUENCE FOR DEPARTURES IS DETERMINED
		T1.32.24 TRANSFER FDE TO OTHER CONTROLLER			FDE TRANSFER, FLIGHT 1D, POSITION	(IV-4) LOCAL TRANSFERS FLIGHT DATA ENTRY ON UAL86 TO GACUND
2012:00	WIND SHEAR REPORT/ OBSERVATION, PIREP	T1.1.3.3 DETECT /ERO. NAUTICAL AND METIEORO. LOGICAL ALENT	AERONAUTICAL AND METEOROLOGICAL ALERT	ALERT AND RESOLUTION DISPLAY		(IV.5) LOCAL DETECTS WIND SHEAR ALERT
		T1.1.3.2 A2P.:COWLEDGE ENVIRONMENTAL/SYSTEM STATUS ALERT			ACKNOMLEDGE AUDITORY SIGNAL	(IV.5) LCCAL TERMINATES SIGNAL ON WIND SHEAR ALER,
		T1.5.1.3 OBSERVE SIGNIFICANT AERONAUTICAL AND METEORLOGICAL DATA	' AIRPORT ENVIRONMENTAL DATA, LLWAS	SYSTEM ENVIRON. MENTAL AND STATUS DATA DISPLAY		(IV-5) LCCAL OBSERVES WIND SHEAR CONDITIONS
		TI.E.1.4 RECEIVE M'EP ON WEATHER		10.8		(IV-5) COMMUNCIATING NORMALLY AIR-TO-GROUND (RECEIVE WIND SHEAR REPORT FROM AWESSD)
		T1.5.1.5 ENTER PIREP INTO SYSTEM			PIREP, FLIGHT ID, TYPE, LOCATION. TIME, COORDINATION, TEXT	(IV-5) LOCAL ENTERS WIND SHEAR PIREP INTO SYSTEM
		T15.1.7 DETERMINE WHETHER ANOTHER CONTROLLER OR PILOT NEEDS WEATHER ADVISORY				(IV-5)
		T1.5.1.8 ISSUE WEATHER ADVISORYUPDATE TO PILOTI ANOTHER CONTROLLER		S S		(IV-5) COMMUNICATING NOFMALLY AIR-TO-GRICUND (LOCAL ADVISES SUPERVISOR, GROUND, AND OTERT OF WIND SHARIS
2013.00	AMENDED ALTITUDEROUTE DESTINATION, CLEARANCE DELVERY	T1.4.1.2 RECEIVE IFR CLEAR. ANCE REQUEST FROM FILOT		TCS		(IV-6) COMMUNICATING NORMALLY AIR-TO-GROUND (M414.J REQUESTS CHANGE IN ROUTE OF FLEHT)

	PAGE 3	REMARKS	(iV-6) IMITATING G/G COMMJUH. CATIONS (LOCAL ADVISES CLEARANCE DELIVERY OF REQUESY FROM NA14LJ)	(IV-6) AUTOMATIC TO CDFD POSITION, LOCAL TRANSFERS NA14LJ TO CLEARANCE DELIVERY	(IV-7) I.OCAL OBSERVES THUNDER. STORM ACTIVITY	(A.7)	(N.7) INITIATING GIG COMMEUNI: CATIONS (LOCAL COORDINATES WITH DEPARTURE CON-	(1V-7) RECEIVING G/G COMMUNI- CATIONS (DEPARTURE CONTROLLER IDENTIFIES DEPARTURE HEADINGS FOR	(IV-7) LOCAL CONCURS THAT CLEAGANCE WILL CLEAR THUNDERSTORM	(IV.7) LOCAL DESIGNS NEW CLEAR- ANCES FOR DEPARTING AIRCAAFT	(IV-7) COMMUNICATING NORMALLY AIR-TO-GROUND (LOCAL DISCUSSES NEW CLEARANCES) WITH AFFECTED AIRCRAFT)
	۷-7	DATA INPUT REQUIREMENTS		FDE TRANSFER, FLIGHT ID, PCSITION							
IARIOS	ACTIVITY: IV - 6, IV	SOURCE	108		VISUAL		T C S	1CS	WSUAL.		TCS
OPERATIONAL SCENARIOS	NOI	DISPLAY OUTPUT REQUIREMENTS	į.					Œ			
		CONTROLLIER	T1.41.7 FORWARD CLEARANGE RECUEST TO ANOTHER CONTROLLER	71.3224 TRANSFER FDE TO OTHER CONTROLLER	T1.5.1.6 OBSERVE WEATHER AREANNTENSITYCEILING/BASE HEIGHT/ MOVEMEN"/AISBILITY WINDS	T1.5.1.7 DETERMINE WHETHER ANOTHER CONTROLLER OR PILOT NEEDS WEATHER ADVISORY	T14.1.7 FORWARD CLEARANGE RECUEST TO ANOTHER CONTROLLER	TI 4119 RECEIVE CLEARANCE APPROVAL/CLEARANCE RESTRICTIONS FROM ANOTHER CONTROLLER	T1.4.1.11 REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED CLEARANCE	T1.4.1.13 DETERMINE APPROPRIATE ACTION FOR AIRCRAFT	T1.4.9.9 SUGGEST CLEARANCE ALTERNATIVES TO PILOT
	IO IV: TOWER LOCAL POSIT	SITUATION			SEVERE WEATHER						
	SCENARIO IV:	TIME			2016:06						

	PAGE 4	REMARKS	(IV-8) LOCAL SEES VEHICLE HEADING FOR ACTIVE RUNWAY	(IV-8) LOCAL OBSERVES VE-IICLE ENTER ACTIVE RUNWAY	(IV-8)	(IV.8) COCAL DETERMINES THAT NWA806 CANNOT LAND WITH VEHICLE ON RUNWAY	(IV-B) CONACUNICATING NORMALLY AIR-TO GROUND (LOCAL ISSUES GO AROUND TO NWABOE)	(IV-8) LOCAL ADVISES DEPARTURE CONTROLLER OF GO AROUND BY NWABRO	(IV-8) INITIATING G/G COMMUNICATIONS (LOCAL ADVISES SUPERVISOR OF VEHICLE ON RUNWAY AND GO A:30UND)	(IV-8) LOCAL WILL COORDINATE A NEW LANDING SEQUENCE FOR	(IV-9) LOCAL DETECTS CONFLICT ALERT BETWEEN N113L; AND PAA787	(IV-9) LOCAL DETERMINES THAT N113LJ HAS DEVIATED FROM HIS CLEARANCE
	8-/	DATA INPUT REQUIREMENTS						FDEN, FLIGHT ID, MISSED APPROAGH				
ARIOS	ACTIVITY: IV - 7, IV	SOURCE	VISUAL	VISUAL			10 S		TCS	40.S	SITUATION DISPLAY, ALERT & RESOLUTION DISPLAY	SITLIATION DISPLAY
OPERATIONAL SCENARIOS	ACT	DISPLAY OUTPUT REQUIREMENTS									CONFLICT ALERT INDICATOR, FULL DATA BLOCK, CONFLICT ALERT	FULL DATA BLOCK
	A POSITION	CONTROLI.ER TASK	T1.2.3.1 OBSERVE POTENTIAL AIRSPACEMOVEMENT AREA VIOLATION	T.1.3.1.4 OBSERVE DEVIATION DIRECTLY	T1.2.3.2 DETERMINE APPROPRIATE ACTION TO RESOLVE AIRSPACE/MOVE. MENT AREA VIOLATION	T1.338 DETERMINË SAFENESS FOR LANDING	T1.3.3.13 ISSUE GO AROUND	T1.33.15 INFORM CONTROLLER OF MISSED APPROACHGO AROUND/TOUCH AND GOISTOP AND-GO	T1.3.1.10 INFORM OTHER CONTROLLER/SUPERVISOR OF GROUND TRAFFIC DEVIATION	T1.41.7 FORWARD CLEARANCE REQUEST TO ANOT HER CONTROLLER	T12.12 DETECT AKIGRAFT CONFLICT ALERT INDICATION	11.3.1.1 PERCEIVE AN ALTITUDE/ROUTE DEVIATION
	IIO IV: TOWER LOCAL POSI	SITUATION	RUNWAYTAXIWAY INCURSION BY OBSTACLESVEHICLE/ AIRCRAFT				MISSED APPROACH/GC AROUND/FRACTICE APPROACH				AIRCRAFT-AIRCRAFT CONFLICT 11.2.1.2 DETECT AIRCRAFT CONFLICT ALERT INDICATION	
	SCENARIO IV:	TIME Z	2019:00				2019:30		g minorana bayaki Paki Chaya Pilinga		82.20	

	PAGE 5	REMARKS	(17.9)	(IV-9) LOCAL OBSERVES RESOLUTION SUGGESTED BY SYSTEM FOR	(1V-9)	(iV-9) COMMANICATING NORMALLY AR-TO-GROUND (LOCAL COORDINATES AND ISSUES NEW CLEARANCES TO NITALJ)	(IV-10) LOCAL OBSERVES WIND DIRECTION SPEED	(IV-10) RECEIVING G/G COMMUNICATIONS (SUPER: VISOR INFORMS CONTROLLER OF WEATHER ACTIVITY)	((V-10)	(IV-10) RECEIVING GAS COMMUNICATIONS (SUPER- VISOR AND LOCAL DISCUSS RUNWAY CONFIGURATION CHANGE)	(17-10)	(IV-10) INITIATING G/G COMMUNICATIONS (LOCAL COMMUNICATIONS OF NEW SECULENCE FOR RUNWAY CHANGE)
	- 10	DATA INPUT REQUIREMENTS										
ARIOS	ACTIVITY: IV - 9, IV - 10	SOURCE		SITUATION DISPLAY		00 00 00	SYSTEM ENVIRON- PENTAL AND STANDE DATA DISPLAY	-108 8		TCS	VISUAL	% G
OPERATIONAL SCENARIOS	ACI	DISPLAY OUTPUT REQUIREMENTS		CONFLICT ALERT RESOLUTION SITUATION DISPLAY OF TION			CENTER FIELD WIND DIRECTION/SPEED AIRPORT ENVIRONMENT DATA					
	AL FOSITION	CONTROLLER	T12.14 DETERMINE VAJDITY CE ARCRAFT/VEHICLE CONFLICT NOTICE CR INDICATION	T1.21.8 REVIEW CONFUCT RESOLUTION ADVISORY	TI.21.5 DETERMINE APPROPRIATE ACTION TO RESOLVE AIRCRAFT/VEHILLE COMFLET SITUATION	Tho. O GENERATE CLEARANCE (NACHO)	T15.2.5 RECEIVE RIMWAY CONDITION DATA	11.5.2.3 RECEIVE WEATHER REPORTAUPATE	11.5.2.8 DETERMINE WAETHER RUNWAY CONDITIONS HAVE CHANGED	T15.2.1 DISCUSS ACTIONS TO RESPOND TO PUNMAY/ TAXIMAY CHAMGE	11.3.2.7 DETERMINE SEQUENCI FOR DEPARTURE AFRICRAFT	T1.3.2.6 DISCUSS SEOCEIVING WITH GROUND CONTROLLER
	O IV: TOWER LOCAL FOSITI	STUATION					RUMMAY CONFIGURATION CHANGE		A 344			
	SCENARIO IV:	TIME					2025500					

			OPERATIONAL SCENARIOS	NARIOS		
SCENARIO IV:	IO IV: TOWER LOCAL POSITI	SAL POSITION	AC	ACTIVITY: IV - 10		PAGE 6
TIME Z	SITUATION	CONTROLLER TASK	DISPLAY OUTPUT REQUIREMENTS	SOURCE	DATA INPUT REQUIREMENTS	REMARKS
		Ti.t.4.13 RESEQUENCE FLIGHT DATA ENTRY MANUALLY	FLIGHT DATA ENTRY	SITUATION DISPLAY	FLIGHT ID, DESIRED LOCATION IN FDD, ORDER FDE MESSAGE	(IV-10) LOCAL RESECUENCES FDE OF AFFECTED AIRCRAFT
		T1.5.2.7 FORWARD RUNWAY CONDITION DATA			SYSTEM STATUS DATA CHANGES, DATA CATEGORY (AIRPORT INFORMATION) ACTIVE SUNMAY	(IV-10) RUNWAY USE IS ENTERED INT THE SYSTEM
2030330	SCENAPO ENDS					
						
						-

MOITING CIMILOGO GEMOT
8
TASK REQUIREMENTS
12.1.1 RECEIVE FILOT/ OPERATOR POSITION REPORT
12.2.5.1 RECEIVE FILOT/ VEHICLE OPERATOR REQUEST FOR MOVEMENT IN/THROUGH MOVEMENT AREA
T2.1.1.2 OBSERVE ARCRAFT/ ASDE TARGET, AIRPORT VIDEO VEHICLE AT REPORTED MAP POSITION
722.1.5 DISCUSS GROUND DELAY TECHNIQUE WITH PILOT
T2.2.1.4 ISSUE INSTRUCTIONS FOR GROUND HOLD
12.1.4.3 ENTER FDE NOTATION
T2.2.3.7 RESEQUENCE FDE MANUALLY
ANGCRAFT/VE/HOLE OUTBOUND 12.2.1.1 OBSERVE EDGT IN FDE EDGT, FDE GROUND HOLD, FLOW MANAGEMENT
12.1.1.7 PROJECT AIRCRAFT/ VEHICLE PLANNED TIME/ POSITION PROFILE MENTALLY
DELAY TECHNIQUE WITH PILO

			OPERATIONAL SCENARIOS	ARIOS		
SCENARIO VI:	NO VI: TOWER GROUND PO	OUND POSITION	ACTI	ACTIVITY: VI - 2, VI	- 3, VI - 4	PAGE 2
TIME	SITUATION	CONTROLLER TASK	DISPLAY OUTPUT REQUIREMENTS	SOURCE	DATA INPUT REQUIREMENTS	REMARKS
		722.14 ISSUE INSTRUCTIONS FOR GROUND HOUD		10S		(VI-2) COMMUNICATING NORMALLY AIR-TO-GROUND (GROUND ISSUES PENALTY BOX INSTRUCTIONS TO TWA760)
2107.000	RUNWAY CORFIGURATION CHANGE	12.23.12 DISCUSS SEQUENC ING WITH LOCAL CONTROLLER		10.8		(VI-3) RECEIVING G/G COMMUNICATIONS (GROUND DISCUSSES NEW SEQUENCE FOR AALSS WITH LOCAL AFTER RUNWAY CHANGE)
		12.2.3.4 REVIEW DEPARTURE LIST TO OPTIMIZE SEQUENCE	DEPARTURE LIST, FDE,FLIGHT DATA ENTRY NOTATION,EDCT	FLIGHT DATA DISPLAY		(VI.3)
		T21.1.7 PROJECT AIRCRAFT/ VEHICLE PLANNED TIME/ POSITION PROFILE MENTALLY				(VI-3)
		122.3.7 RESEQUENCE FDE MANUALLY			OPDER FLIGHT DATA ENTRY, FLIGHT ID, DESIRED LOCATION IN FDD, ORDER FDE MESSAGE	(VI-3) REVISED ORDER OF DEPARTING AAL554 IS REFLECTED IN GROUND'S DATA DISPLAY
		T2.2.5.S ISSUE APFROVAL/ INSTRUCTIONS FOR GROUND MOVEMENT		168		(VI-3) COMMUNICATING NORMALLY AIR-TO-GROUND (AAL554 IS GIVEN NEW TAXI INSTRUCTIONS)
		12 2.3.13 ENTER RIJMWAY ASSIGM'AENT FOR JARGHAFT			RUNWAY ASSIGNMENT MESSAGE FLIGHT ID, RUNWAY	(VI-3) NEW RUNWAY ASSIGNMENT ON AALSS4 IS ENTERED INTO THE SYSTEM
2110.00	AIRCRAFTWEHICLE CROSSING ACTIVE RUMMAY	0 72.2.5.1 RECEIVE FILOT/ VEHICLE OPERATOR REQUES/ FOR MOVEMENT IN/THROUGH MOVEMENT AREA		TCS		(VI-4) COMMUNICATING NOFMALLY AIR-TO-GROUND (VEHICLE OPERATOR REQUESTS INSTRUCTIONS FROM GROUND
		12.1.1.7 PROJECT MRCRAFT/ VEHICLE PLANNED TIME/ POSITION PROFILE MENTALLY	ASDE TARGET, AIRPORT VIDEO MAP			(√14)
01/VOI #5)		T2.1.18 SEARCH ASDE FOR SPECIFIC AIRCRAFT/VEHICLE LOCATION	_	AIRPORT SURFACE DETECTION EQUIP. MENT		(VI-4) USE OF ASDE FOR LOCATING/ OBSERVING VEHICLE

	PAGE 3	REMARKS	(VL4)	(VI-4) COMMUNICATING NORMALLY AIR-TO-GROUND (INSTRUCTIONS TO VEHICLE OPERATOR)	(VI-4) INITATING G/G COMMUNICATIONS (GROUND REQUESTS USE OF ACTIVE RUNWAY FOR VEHICLE)	(VI-4) RECEIVING G/G COMMUNICATIONS (LOCAL ADVISES SHORT DELAY DUE TO AIRGRAFT ON RUNWAY)	(VI-4) RECEIVING G/G COMMUNICATIONS (LOCAL RELEASES ACTIVE FUNWAY FOR VEHICLE GROSSING)	(VI-4) COMMUNICATING NORMALLY AIR-TO-GROUND (GROUND ISSUES INSTRUCTIONS TO PROCEED)	(VI-4) GROUND ENTERS USE OF ACTIVE RUNWAY	(VI-4) GROUND FOLLOWS PROGRESS OF VEHICLE	(VI-4) COMMUNICATING NORMALLY AIR-TO-GROUND USES OTHER TAXIWAYS TO ROUTE AIRCRAFT)
		DATA INPUT RECUIREMENTS				·			ENTER REMINDER OF MOVEMENT AREA RELEASE		
IARIOS	ACTIVITY: VI - 4	SOURCE		7cs	TCS	TCS	108	10.5	بوالما المراد ال	AIRPORT SURFACE DETECTION EQUIP- MENT	S
OPERATIONAL SCENARIOS		DISPLAY OUTPUT REQUIREMENTS								ASDE TARGET, AIRPORT VIDEO MAP	
0	TOWER GROUND POSITION	CONTROLLER	12,2,5,2 DETERMINE NEED FOR TEMPORARY RELEASE OF MOVEMENT AREA, LINDER OTHER CONTROL	T2253 ISSUE INSTRUCTION TO HOLD SHORT OF ACTIVE RUNWAY	12.25.4 REQUEST TEMPORARY RELEASE OF MOVEMENT AREA	12.2.5. RECEIVE DELAY OF TEMPORARY RELEISE OF MOVEMENT AREA	12 25.8 RECEIVE APPROVAL OF TEMPORARY USE OF MOVEMENT AREA	12.2.5.9 ISSUE AFFROVAL INSTRUCTIONS FOR GROUND MOVEMENT	T22.5.11 ENTER REMINDER OF TEMPORARY MOVEMENT AREA RELEASE	T2.1.1.9 OBSERVE ASDE FOR AIPCRAFT/VEHICLE PROGRESS THROUGH MOVEMENT AREA	T2245 ISSUE INSTRICTIONS TO DIVERT I RAFFK) AROUND CLOSED MOVEME! IT AREA
	-	SITUATION									•
	SCENARIO VI:	TIME							,		

	PAGE 4	REMARKS	VI-4) GROUND OBSERVES VE-HICLE CLEAR OF MOVEMENT AREA	(VI-4) GROUND ADVISES LOCAL THAT ACTIVE RUNWAY IS CLEAR	(VI-4) GROUND ENTERS DELETION OF ACTIVE RUNWAY USE	(VI-5) COMMUNICATING NORMALLY AIR-TO-GROUND (GRCUND PECEIVES REQUEST FOR TAXMAY LIGHTS)		(VI-6) GROUND OBSERVES OPEN CARGO DOOP ON EAL33	(VI-6) CCMMUNICATING NORMALLY AIR-TO-GROUND ADVISES EAL333 OF OPEN CARGO DOOR AND	CONTAINERS ON FOWER; (VI-6) COMMUNICATING NORMALLY ART 70-GROUND (GROUND PROVIDES TAKI INSTRUCTIONS TO EAL333 TO RETURN TO GATE,	(VI-7) GROUND OBSERVES SMOKE IN AREA OF TIME OF NWAS35	(VI-7) COMMUNICATING NOFMALLY ARR-TO-GROUND (GROUND INFORMS PWAS35 OF SMOKE)	
	VI - 4, VI - 5, VI - 6, VI - 7	DATA INPUT REQUIREMENTS			DELETE REMINDER OF MOVEMENT ANEA RELEASE		ADJUST LIGHTING SYSTEM, TAXI- WAY, INTENSITY LEVEL						
SCENARIOS	ACTIVITY: VI - 4, VI	SOURCE	DETECTION EQUIP. MENT	TCS		TCS		V:SUAL	TCS	108	VISUAL	TCS	
OPERATIONAL SCEN	ACT	DISPLAY OUTPUT REQUIREMENTS	ASDE TARGET, AIRPORT VI DE DAIRPORT SUBFACE MAP DETECTION EQUIP- MENT										
)	DUND POSITION	CONTROLLER TASK	T2.2.5.12 DETERMINE GROUND MOVEMENT COMPLETED	T2.2.5.13 FORWARD NOTICE OF RETURN OF RELFASED MOVE- MENT AREA	T2.2.5.14 DELETE REMINDER OF TEMPORARY MOVEMENT AREA RELEASE	T2.5.5.1 RECEIVI: REQUEST TO MANIPULATE TACIWAY LIGHTING SYSTEM	12.2.5.4 ENTER TAXIWAY LIGHTING SYSTEM ADJUSTMENT	T2:32.2 OBSERVE AIRCRAFT/ VEHICLE ABWOWALITY DIRECTLY	T2.32.8 INF.3FW PILOT? VEHICLE CPERATOR OF ABNOFMAL ARCRAFTVEHICLE CONDITION	12:32.9 ISGUE TAXI INSTRUCTIONS TO SPECIAL CONDITIONEMERGENCY ARCRAFT	12.3.2 OBSERVE ARCRAFT/ VEHICLE ABNORMALITY DIRECTLY	T23.28 INFORM PILOT/ VEHICLE OPERATOR OF ABNORMAL AIRCRAFTIVEHICLE OPERATION	
	NO VI: TOWER GROUND	SITUATION		. <u>.</u> ==.		PILOT FEGUEST FOR LIGHTING MANIPULATION A		RUNWAYTAXIWAY INCUPSION 12.3.2.2. OBSERVE ARCRAFT, BY CBSTACLE/VEHICLE/ NECHT DIRECTLY			AIRCHAFT EMERGENOY/ INCIDENT-CHOUND		
	SCENARIO VI:	TI(ME				2113.00		2116.00			2118:00		

		O	OPERATIONAL SCEN	SCENARIOS		
SCENARIO VI:	O VI: TOWER GROUND	ROUND POSITION	ACTI	ACTIVITY: VI - 7, VI	8-1	PAGE 5
TIME	SITUATION	CONTROLLER TASK	DISPLAY OUTPUT REQUIREMENTS	SOURCE	DATA INPUT REQUIREMENTS	REMARKS
		12324 FORWARD SPECIAL CONDITION/ENEPGENCY INFORMATION TO SUPERVISORY OTHER CONTROLLER		TCS		(VI-7) INITIATING G/G COMMUNICATIONS (GROUND INFORMS SUPER:/ASOR OF SMOKE FROM NWA535)
		12.3.2.16 INFORM DESIGNATED PERSONNEL OF STECIAL CONDITIONENERGENCY		TCS		(VI-7) INITIATING G/R COMMUNICATICNS (GROUND REQUESTS FIRE EQUIPMENT FOR NWA535)
		12.3.2.7 ISSUE TAXI INSTRUCTIONS TO HOLD/ REPOUTE GROUND TRAFFIC CLEAR OF SPECIAL CONDITION EMERGENCY		TCS		(VI-7) COMMUNICATING NORMALLY AR-TO-GROUND (GROUND STOPS OTHER TRAFFIC MOVEMENT FOR FIRE EQUIPMENT)
		12:2:12 ISSUE INSTRUCTIONS FOR REQUIRED DEPLOYMENT OF EMERGENCY EQUIPMENT		25		(VI-7) COMMUNICATING MORMALLY AIR-TO-GROUND GROUND PROVIDES INSTRUCTIONS TO FIRE EQUIPMENT)
		12.3.2.13 RECIEIVE NOTICE OF TERMINATION OF SPECIAL CONDITIONEMERGENCY		10.8		(VI-7) COMMUNICATING NORMALLY AIR-TG-GROUND (NWAS3S ADVISES SITUATION UNDER CONTROL)
2123.00	POSITION RELIEF	12.5.3.4 REQUEST ASSISTANCE OR RELIEF		TCS		(VI-8) INITATING G/G COMMUNICATIONS (GROUND REQUESTS RELIEF FROM SUPERVISOR)
		12.5.1.1 BRIEF RELIEVING CONTROLLER	POSITION CHECKLIST	STATIC INFORMATION DISPLAY, TCS		(VI-8) GROUND BRIEFS RELIEVING CONTROLLER
		T2.5.1.2 SIGN OFF AT CONSOLE			SIGN OFF, USER 10, OPERATIONAL RESPONSIBILITY DESIGNATOR	(N1-8) GROUND SIGNS OFF POSITION
		125.1.3 VERIFY COMPLETE- NESS OF RELIEF BRIEFING RECEIPT	POSITION CHECKLIST	STATIC INFORMATION DISPLAY		(VI-8) GROUND VERIFIES BRIEFING ISSUED TO RELIEVING CONTROLLER
2125	SCENARIO ENDS					

			OPERATIONAL SCENARIOS	VARIOS		
SCENARIO VII:		TOWER CLEARANCE DELIVERY/ FLIGHT DATA POSITION		ACTIVITY: VII - 1, VII	VII - 2	PAGE 1
TIME Z	SITUATION	CONTROLLER TASK	DISPLAY OUTPUT REQUIREMENTS	SOURCE	DATA INPUT REQUIREMENTS	REMARKS
2205.00	CLEARANCE REQUEST	T3.2.2.E RECEIVE FDE FROM OTHER CONTROLLER FOR FLIGHT PLAN AMENDNIENT	FLIGHT DATA ENTRY, CLEAR. ANCE PENDING LIST	. FLIGHT DATA DISPLAY		(VII-1) CLEARNCE DELIVERY RECEIVES FLIGHT DATA ENTRY ON N34SJG
		13.2.2.1 RECEIVE PILOT REQUEST FOR FLIGHT PLAN AMENDMENT		S O		(VII-1) CCMMUNICATING MORMALLY AIR-TO-GROUND (CLEARANGE DELIVERY RECEIVES REQUEST FOR NEW CLEARANGE ON N34SJG)
		13.2.2.5 ENTER FLIGHT PLAN AMENDMENT			FLIGHT DATA AMENDMENT. FLIGH (D. FIELDS TO BE MODIFIED, NEW DATA	(VII-1) CLEARANCE DELIVERY ENTERS NEW ROUTE INTO SYSTEM ON N345JG
		T3.3.1.6 FORMULATE A CLEARANCE WITH APPRO- PRIATE INSTRUCTION:3				(VII-1) CLEADANCE DELIVERY DESIGNS A CLEADANCE FOR N345GJ
		13.1.7 ISSUE CLEARANCE AND INSTRUCTIONS	FLIGHT DATA ENTRY	FLIGHT DATA DISPLAY		(VII-1) COMMUNICATING NORMALLY AIR-TO-GROUND (CLEARANCE DELIVERY ISSUES CLEARANCE TO N345GJ)
2207.00	OLEARANCE REQUEST	T3.3.1.1 RECEIVE PILOT RECUEST FOR CLEARANCE		108		(VII-2) COMMUNICATING NORMALLY AIR-TO-GROUND (PAA776 REQUESTS CLEARANCE)
		13 3.1.2 SEAPCH CLEARANCE PENDING LIST FOR FDE	CLEARANCE PENDING LIST	FLIGHT DATA DISPLAY	PAGING/SCROLLING, REQUEST FLIGHT DATA ENTRY, FLIGHT 10, POSITION IDENTIFIER	(VII.2) CLEARANCE DELIVERY UNSUCCESSFULLY SEARCHES FOR FDE ON PAA778
		13.12.9 REQUESTEDE FROM ANCTHERPOSITION FACILITY				(VII.2) CLEAGANCE DELIVERY ENTERS FOR RECHEST ON DAA778
		T3 23.1 OBSERVE NEW FLIGHT DATA ENTRY IN CLEAFANCE PENDING LIST	FLIGHT DATA ENTRY	F_!GHT DATA DISPLAY		(VII.2) CLEARANCE DELIVERY OBSERVES FLIGHT DATA ENTRY ON PAAZ76
		13 23.4 REVIEW FLIGHT DATA ENTRY FOR ERRORS/LATA LIST SEQUENCE	FLIGHT DATA ENTRY	FLIGHT DATA DISPLAY	FLIGHT DATA ENTRY	(VII-2) PAA775'S FDE IS REVIEWED

	PAGE 2	REMARKS	(VII.3) CLEARANCE DEUVERY OBSERVES THE FULL ROUTE CLEARANCE INDICTOR IN REMARKS FIELD	4T IC (VII.3) A FULL FLIGHT PLAN READ. OUT IS ENTERED ON PAA76	(VII-3) A COMPLETE FLIGHT PLAN IS OBSERVED ON PAAT76	(VII-3) PAA776 FLIGHT PLAN IS REVIEWED	(VII-4) COMMUNICATING NORMALLY AIR-TO-GROUND (REQUEST PAA776 IDENTIFY SOME SEGMENTS OF ROUTE)	(VII-4) DESIGN A CLEAR, VICE FOR PAA776	(VII-4) ISSUE A CLEARANCE TO PAA776	(VII-5) ALL NORTH GATE DEPARTURE FLIGHT DATA ENTRY(S) ARE RECEIVED BY CLEARANCE DELIVERY	(VII-5) NORTH GATE DEPARTURES ARE RESEQUENCED	(VII-5) CLEARNACE DELIVERY UPDATES WEATHER PICTURE	(VII-5) NEW ROUTING IS ASSIMILATED INTO TRAFFIC PICTI 'RE	
	V!! - 4	DATA INPUT REQUIREMENTS		FLIGHT DATA READOUT, FLIGHT ID	-						ORDER FLIGHT DATA ENTRY, LOCATION, FLIGHT ID		·	
SCENARIOS	ACTIVITY: VII - 3, VI	SOURCE	FLIGHT DATA DISPLA		FLIGHT DATA DISPLAY	FLIGHT DATA DISPLAY	TCS		FUGHT DATA DISPLAY TCS	FLIGHT DATA DISPLA		SYSTEM ENVIRON- MENTAL AND STATUS DATA DISPLAY	SYSTEM ENVIRON- MENTAL AND STATUS DATA DISPLAY	
OPERATIONAL SCEN		DISPLAY OUTPUT REQUIREMENTS	FUGHT DATA ENTRY		FLIGHT DATA ENIRY, FLIGHT DATA READOUT DISPLAY	FLIGHT DATA ENTRY			FLGHT DATA ENTRY	FLIGHT DATA ENIRY		T3.1.1.6 OBSERVE DISPLAY OF AERONAUTICAL AND METECR NEWCHANGED AEHONAUTICAL LOGIAL DATA AND METEOROLOGICAL DATA	USAGE OF ADAPTED ROUTES	
)	WER CLEARANCE DELIVERY/ FLIGHT DATA POSITION	CONTROLLER TASK	133.1.3 OBSERVE FUE FOR PRESENCE OF PORPORA AND/ OR REMARKS	132.3.2 REQUEST FULL FLIGHT PLAN READOUT	73.2.3.3 OBSERVE FIAL FLISH PLAN READOUT	13.2.1.2 REVIEW FLIGHT PLAN FLIGHT DATA ENTRY FOR COMPLETENESS	132.1.3 OUERY PILOT ABOUT FLIGHT PLAN	73.3.1.6 FORMULATE A CLEARANCE WITH APPROPRI- ATE INSTRUCTIONS	T3.3.1.7 ISSUE A CLEARANCE AND INSTRUCTIONS	T3.2.2.6 RECEIVE FIJE FROM OTHER CONTROLLE'R FOR FUGHT PLAN AMENDMENT	T3.2.3.5 RESECHIENCE FDE MANUALLY	13.1.1.6 OBSERVE DISPLAY O NEWCHANGED AEHONAUTIC AND METEOROLOGICAL DATA	13.1.1.5 OBSERVE DISPLAY OF NEW/CHANGED SYSTEM STATUS DATA	
	7.0	SITUATION	FILED FLIGHT PLAN			FILED FUGHT PLAN				SEVERE WEATHER				
	SCENARIO VII:	TIME	2208:00			2210:00				221200				

	PAGE 3	REMARKS	(VII-5) NEW CLFARANCES ARE DESIGNED FOR NORTH GATE DEPARTURES	(VII-5) NEW CLEARANCES ARE ISSUE! TO NORTH GATE DEPARTURES	(VII-5) SWAP ROUTING IS ENTERED FOR NORTH GATE DEPART- URES, IF NECESSARY	(VII-6) RECEIVING G/G COMMUNICATIONS (SUPER- VISCH ADVISES PENALTY BOX IS FULL. ARCRÁFT TO BE HELD AT GATE)	(VII-6) COMMUNICATING NORMALLY COMMUNICATION (CLEARANCE DELIVED ANNISES THAT THE DELAYED AIRCDAFT THAT THE DELAYS WILL BE TAKEN AT THE GATE)	(VII-6) COMMUNICATING NORMALLY AIR-TO-GROUND (A:HCRAFT ARE ADVISED OF ANY REVISION TO EDCT)	(VII-7) COMMUNICATING NORMALLY AIR-TO-GROUND (LIFEGUARD 1 REQUEST CLEARANCE)	(VII.7) INITATING G/G COMMUNICATIONS (SUPER- VISOR IS INFORMED OF LIFEGUARD 1 AND CLEAR- ANCE REQUEST)	"11:7) PHOCEDURES FOR HANDLING LIFEGUARD1 ARE REVIEWED
	VII - 5, VII-6, VII-7	DATA INPUT			FLIGHT PLAN AMENDMENT, FLIGHT ID, FIELDS TO BE AMENDED						Paging/scrolutiks
4RIOS	ACTIVITY: VII - 5, V	SOURCE		C SYSTEM ENVIRON. MENTAL AND STATUS DATA DISPLAY, FLIGHTI DATA DISPLAY	FLIGHT DATA DISPLAY SYSTEM ENVIRON- MENTAL AND STATUS DATA DISPLAY	70.S	10.S	FLIGHT DATA DISPLAY. TCS	TCS	TCS	STATIC INFORMATION DISPLAY
OPERATIONAL SCENARIOS	ACT	DISPLAY OUTPUT REQUIREMENTS		FLIGHT DATA ENTRY, ADAPTEC ROUTES	FLIGHT DATA ENTRY, ADAPTED ROUTES	ESTIMATED DEPARTURE CLEARANCE TIME, FLIGHT DATA ENTRY					STANDARD OPERATING PROCEDURES
	EARANCE DELIVERY/ DATA POSITION	CONTROLLER	13.3.6 FORMULATE A CLEARANCE W TH APPRO- PRIATE INSTRUCTIONS	T0.0.1.7 ISSUE CLEARANCE AND INSTRUCTIONS	T3225 ENTER FLIGHT PLAN AMENDMENT	MANAGEMENT RESTRICTION	13.4.1.5 GISCUSS TRAFFIC MANAGEMENT RESTRICTION PROCEDURES WITH CONTROLLER/PILCT	T3.4.1.6 INFORW PILOT OF ESTIMATED DEPARTURE CLEARANCE TIVE	1334.1 RECEIVE NOTICE OF SPECIAL CONDITION EMERGENCY	13.3.4.4 FORWARD SPECIAL CONDITIONEM: REGENCY INFORMATION "O SUPER. VISCR/ANOTHER CONTROLLER	T334.6 REVIEW CONTINGENCY CHECKLIST ON STATIC DISPLAY
	TOWER CI FLIGHT	SITUATION				ENTERINGLEAVING OUTBOUND GROUND HOLD			HELICOPTER OPERATION	; ·	
	SCENARIO VII:	TIME				2214:0v			2217.00		

TOWER CLEARANCE DELIVERY
FLIGHT DATA POSITION
CONTROLLER
T3 2.1.1 RECEIVE FLI-SHT PLAN FROM PILOT
13.21.4 ENTER FLIGHT PLAN
133.1.5 RECEIVE CLEARANCE FROM ACF CONTROLLER.
13.3.1.6 FORMULATE A CLEARANCE WITH APPRO- PRIATE INSTRUCTIONS
T3.3.1.7 ISSUE CLEAPANCE AND INSTRUCTIONS
T3.3.2 PERCEIVE PHESENCE OF SPECIAL OPERATION
13.3.3.3 INFORM OTHERS OF SPECIAL OPERATION
13.3.4.6 REVIEW CONTINGENCYNOISE ABATEMENT ZONE CHECKLIST ON STATIC DISPLAY
13.3.1.1 RECEIVE PILOT REGUEST FOR CLEATANCE

	PAGE 5	REMARKS	(VII-9) CLEARANCE DELIVERY REVIEWS AFTERBURNER CLIM AND CODED ROUTE	(VII-9) (INITIATING Q/G COMMUNICATIONS (SUPER. VISOR IS INFORMED THAT LIMA KILO 01 IS READY TO GO.	THE SUPERVISOR WILL CO- ORD:NATE RECUEST) (VII-9) AFTER COORDINATION ON THE	CODED ROUTE IS COMPLETED A CLEARANCE IS DESIGNED AND ISSUED FOR LIMA KILO 01				
		DATA INPUT REQUIREMENTS	PAGING/SCROLLING							
NARIOS	ACTIVITY: VII - 9	SOURCE	STATIC INFORMATION DISPLAY	16.8					·	
OPERATIONAL SCENARIOS	ACTIV	DISPLAY OUTPUT REQUIREMENTS	ETTER OF AGREEMENT							
0	TOWER CLEARANCE DELIVERY/ FLIGHT DATA POSITION	CONTROLLER TASK	13.3.4.6 REVIEW CONTINGENCY LETTER OF AGREEMENT CHECKLIST ON STATIC DISPLAY	73.3.3.3 INFORM OTHERS OF SPECIAL OPERATION	13.3.3.4 CONDUCT SPECIAL OPERATION ACTIONS					
		SITUATION					SCHANG ENGS			
	SCENARIO VII:	TIME Z					DO CONTROL OF THE PROPERTY OF			